

Converting Colors

XYZ(79.8149, 83.9080, 91.9609)

Have a look what the booklet for
XYZ(79.8149, 83.9080, 91.9609)
contains.

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Color

**XYZ(79.8736, 83.9382,
92.1127)**

Conversions

Conversions Part 1

Format	Color
Hex	ECECED
RGB	236, 236, 237
RGB Percent	93%, 93%, 93%
CMY	0.0745, 0.0745, 0.0706
CMYK	0.00, 0.00, 0.00, 0.07
HSL	240°, 3%, 93%
HSV	240°, 0%, 93%
XYZ	79.8736, 83.9382, 92.1127
YIQ	236.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

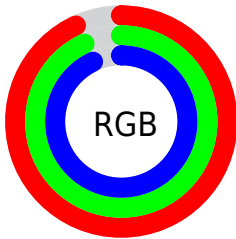
Format	Color
R _{YB}	236, 236, 237
Decimal	15527149
CIE Lab	93.42, 0.18, -0.49
CIE LCh	93, 0.526, 290.359
Yxy	83.9382, 0.3121, 0.3280
Android (android.graphics.Color)	4293717229 (0xFFECECED)
YUV	236.1140, 0.4368, -0.1000
Hunter-Lab	91.6178, -4.7125, 4.5222

Details

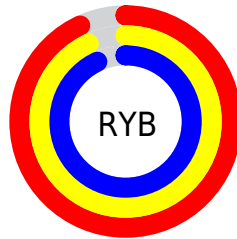
The XYZ color **79.8736, 83.9382, 92.1127** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.3497, 84.6281, 91.4581**, and the grayscale version is **79.8151, 83.9717, 91.4452**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4841, 45.6820, 50.2417** is the 20% darker color. If you saturate the color by 10%, you get **66.1684, 67.4438, 89.6526**, and if you desaturate by 10%, it is **92.2863, 98.8945, 94.3466**.

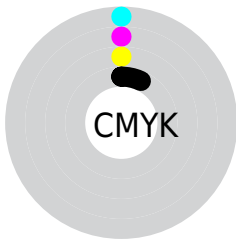
Distribution



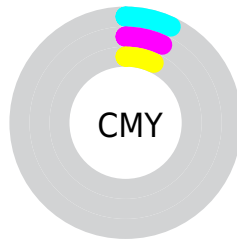
- Red (93%)
- Green (93%)
- Blue (93%)



- Red (93%)
- Yellow (93%)
- Blue (93%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (7%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.8736, 83.9382, 92.1127 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 79.8736, 83.9382, 92.1127 by changing the saturation by 10% instead.

■ 79.8736, 83.9382,
92.1127

■ 79.8736, 83.9382,
92.1127

483.2498,
508.1080, 555.6261

■ 59.9225, 62.9644,
69.1507

132.1395,
138.8887, 152.2306

■ 43.6054, 45.8124,
50.3619

165.1849,
173.6343, 190.2236

■ 30.5569, 32.0978,
35.3279

203.3258,
213.7391, 234.0640

■ 20.4119, 21.4362,
23.6300

246.9275,
259.5878, 284.1704

■ 12.8048, 13.4432,
14.8497

296.3554,
311.5646, 340.9612

■ 7.3703, 7.7345,
8.5685

351.9749,

■ 3.7431, 3.9255,

370.0540, 404.8551

4.3679

414.1512,
435.4403, 476.2706

■ 1.5579, 1.6320,
1.8293

■ 0.3647, 0.3790,
0.4472

■ 79.8736, 83.9382,
92.1127

■ 79.8736, 83.9382,
92.1127

■ 66.1684, 67.4438,
89.6526

■ 92.2863, 98.8945,
94.3466

■ 54.3274, 53.1896,
87.5253

■ 44.2722, 41.0821,
85.7183

■ 35.9164, 31.0176,
84.2160

■ 29.1659, 22.8833,
83.0018

■ 23.9181, 16.5558,
82.0570

■ 20.0579, 11.8975,
81.3613

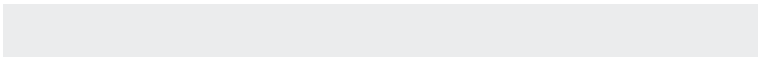
■ 17.4542, 8.7509,
80.8912

■ 15.9504, 6.9284,
80.6187

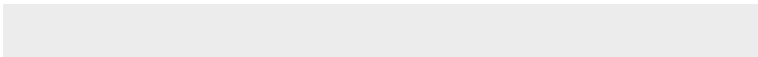
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.7361, 83.9382, 92.1498



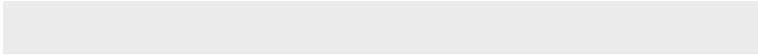
79.8736, 83.9382, 92.1127



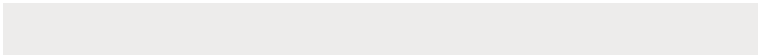
79.9864, 83.9382, 91.8828

Triad

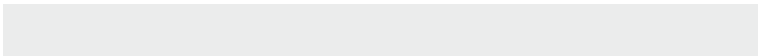
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8736, 83.9382, 92.1127



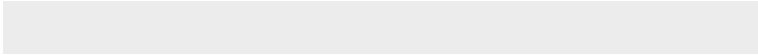
79.9511, 83.9382, 90.8073



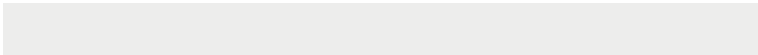
79.5180, 83.9382, 91.2665

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



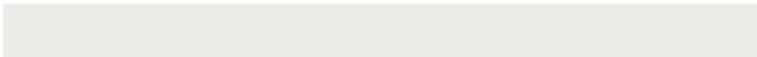
79.8736, 83.9382, 92.1127



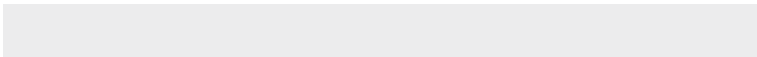
80.3497, 84.6281, 91.4581

Split Complementary

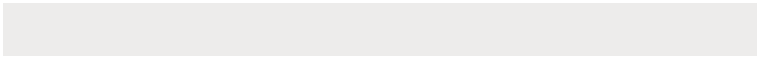
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.5755, 83.9382, 90.9078



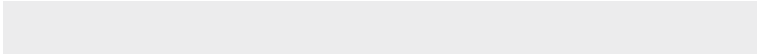
79.8736, 83.9382, 92.1127



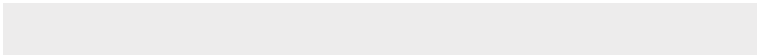
79.8254, 83.9382, 90.6432

Square

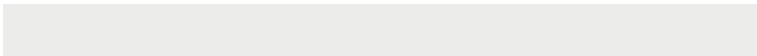
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



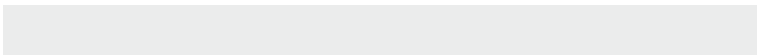
79.8736, 83.9382, 92.1127



80.0311, 83.9382, 91.1288



79.6880, 83.9382, 90.6799



79.5309, 83.9382, 91.6605

Rectangle

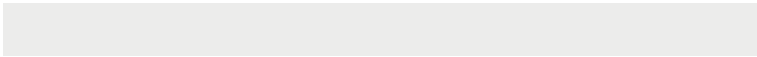
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



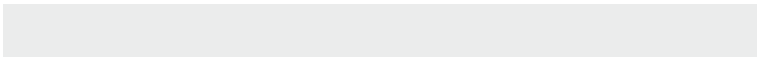
79.8736, 83.9382, 92.1127



80.0323, 83.9382, 91.6515



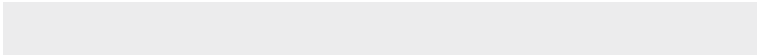
79.6880, 83.9382, 90.6799



79.5297, 83.9382, 91.1378

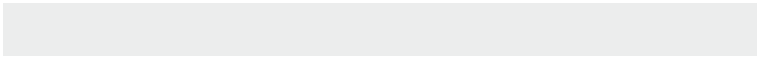
Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79.8760, 83.9418, 92.1145

95.0500, 100.0000, 108.9000



80.1612, 84.5160, 92.1976



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

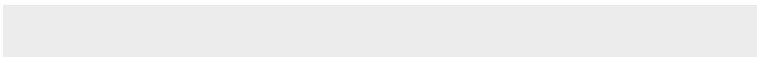
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8760, 83.9418, 92.1145



93.3132, 97.9098, 108.5881



80.0356, 84.0224, 92.1217



16.7085, 17.5343, 19.4261



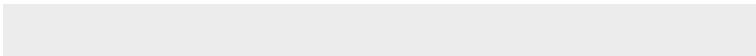
8.3535, 3.3540, 43.9501



0.6577, 0.2668, 3.4517

Inverse Universe

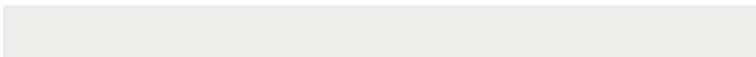
The Inverse Universe completely reimagines the original color for something new.



80.0627, 84.0531, 91.3653



93.8356, 98.2213, 106.4912



80.1897, 84.5473, 91.4509



16.7966, 17.5868, 19.0725



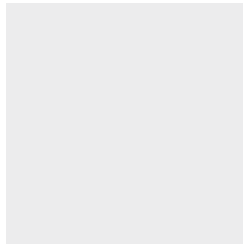
19.0718, 9.8314, 0.9133



1.4985, 0.7723, 0.0763

Previews

White Background



This preview shows how the XYZ color 79.8736, 83.9382, 92.1127 looks on a white background.

Color Contrast Check

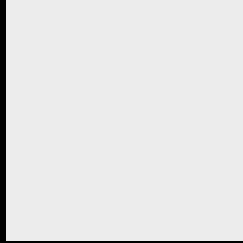
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 79.8736, 83.9382, 92.1127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

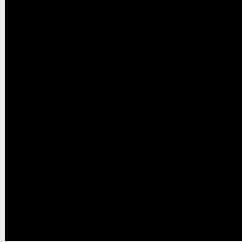
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

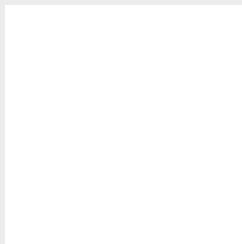
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8736, 83.9382, 92.1127

Background



This preview shows how black text looks on a background with the XYZ color 79.8736, 83.9382, 92.1127.



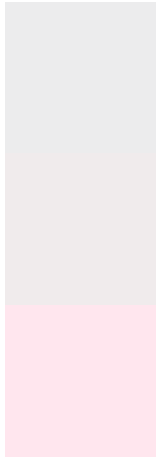
This preview shows how white text looks on a background with the XYZ color 79.8736, 83.9382,

92.1127.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.8736, 83.9382, 92.1127

Protanopia

80.7838, 83.9981, 91.3124

Deuteranopia

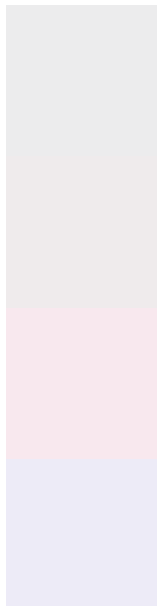
84.9694, 84.0267, 92.6293



Tritanopia

82.2534, 84.0511, 103.9837

Trichromacy



Original Color

79.8736, 83.9382, 92.1127

Protanomaly

80.4453, 83.8235, 91.2965

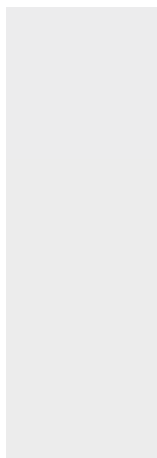
Deuteranomaly

83.0006, 83.8427, 92.6976

Tritanomaly

81.4219, 84.1366, 99.9443

Monochromacy



Original Color

79.8736, 83.9382, 92.1127

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.7278, 83.8799, 91.3452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8736, 83.9382, 92.1127 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(236, 236, 237) looks like.

```
.text, #text, p{  
    color:rgb(236, 236, 237)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(236, 236, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 236, 237) }
```

Border

The CSS property to change the border of an element to XYZ 79.8736, 83.9382, 92.1127 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 236, 237) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(236, 236, 237) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(236, 236, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 236, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 236, 237);  
box-shadow:4px 4px 4px 4px rgb(236, 236,  
237) }
```


Background

The CSS property to change the background color of an element to XYZ 79.8736, 83.9382, 92.1127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 236, 237) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(236,  
236, 237) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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