

Converting Colors

XYZ(79.8256, 84.3462, 92.1483)

Have a look what the booklet for
XYZ(79.8256, 84.3462, 92.1483)
contains.

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Color

**XYZ(79.8312, 84.3450,
92.1934)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEDED
RGB	235, 237, 237
RGB Percent	92%, 93%, 93%
CMY	0.0784, 0.0706, 0.0706
CMYK	0.01, 0.00, 0.00, 0.07
HSL	180°, 5%, 93%
HSV	180°, 1%, 93%
XYZ	79.8312, 84.3450, 92.1934
YIQ	236.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

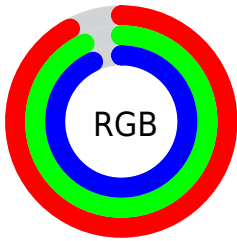
Format	Color
R _Y B	235, 236, 237
Decimal	15461869
CIE Lab	93.60, -0.66, -0.24
CIE LCh	94, 0.705, 200.243
Yxy	84.3450, 0.3114, 0.3290
Android (android.graphics.Color)	4293651949 (0xFFEBEDED)
YUV	236.4020, 0.2948, -1.2296
Hunter-Lab	91.8395, -5.5587, 4.7692

Details

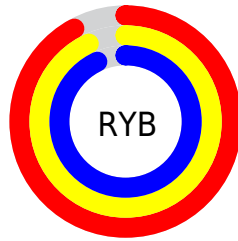
The XYZ color **79.8312, 84.3450, 92.1934** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.6319, 83.4215, 90.5064**, and the grayscale version is **80.0374, 84.2056, 91.6998**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4548, 45.9676, 50.2984** is the 20% darker color. If you saturate the color by 10%, you get **72.5154, 80.5768, 91.8162**, and if you desaturate by 10%, it is **86.8191, 87.9490, 92.5588**.

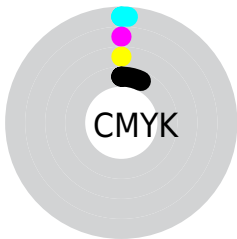
Distribution



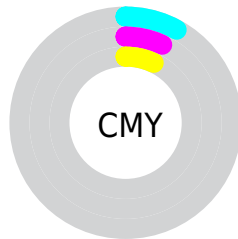
- Red (92%)
- Green (93%)
- Blue (93%)



- Red (92%)
- Yellow (93%)
- Blue (93%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.8312, 84.3450, 92.1934 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 79.8312, 84.3450, 92.1934 by changing the saturation by 10% instead.

■ 79.8312, 84.3450,
92.1934

■ 79.8312, 84.3450,
92.1934

483.1090,
509.4582, 555.8935

■ 59.8874, 63.3003,
69.2173

132.0802,
139.4577, 152.3434

■ 43.5770, 46.0842,
50.4159

165.1161,
174.2945, 190.3545

■ 30.5346, 32.3123,
35.3705

203.2467,
214.4974, 234.2143

■ 20.3948, 21.6001,
23.6626

246.8375,
260.4509, 284.3414

■ 12.7923, 13.5634,
14.8736

296.2538,
312.5393, 341.1543

■ 7.3617, 7.8176,
8.5851

351.8609,

■ 3.7376, 3.9785,

371.1471, 405.0716

4.3785

414.0242,
436.6586, 476.5118

■ 1.5548, 1.6615,
1.8352

■ 0.3627, 0.3986,
0.4510

■ 79.8312, 84.3450,
92.1934

■ 79.8312, 84.3450,
92.1934

■ 72.5154, 80.5768,
91.8162

■ 86.8191, 87.9490,
92.5588

■ 66.1988, 77.3213,
91.4840


■ 86.8262, 87.9518,
92.5957


■ 60.8403, 74.5596,
91.1966


■ 86.8332, 87.9546,
92.6327


■ 56.3929, 72.2677,
90.9519

■ 86.8402, 87.9574,
92.6696


 52.8060, 70.4194,
90.7475


 86.8472, 87.9602,
92.7066


 50.0239, 68.9860,
90.5807


 86.8542, 87.9630,
92.7436


 47.9843, 67.9353,
90.4487

 86.8613, 87.9658,
92.7806

 46.6158, 67.2307,
90.3482

 86.8683, 87.9687,
92.8176

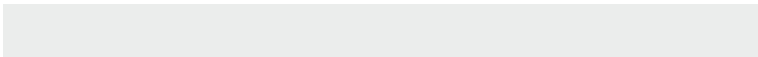
 45.8333, 66.8281,
90.2750

 86.8753, 87.9715,
92.8546

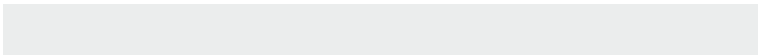
Harmonies

Analogous

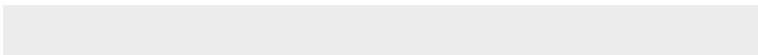
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8143, 84.3450, 91.6633



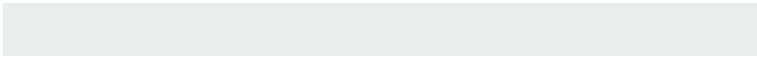
79.8312, 84.3450, 92.1934



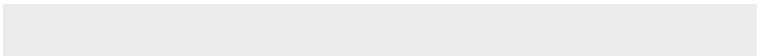
79.9381, 84.3450, 92.6297

Triad

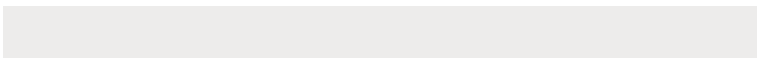
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8312, 84.3450, 92.1934



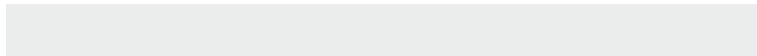
80.4436, 84.3450, 92.4962



80.2282, 84.3450, 90.8283

Complementary

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



79.8312, 84.3450, 92.1934



79.6319, 83.4215, 90.5064

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.



80.3971, 84.3450, 91.0496



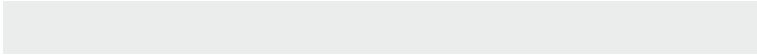
79.8312, 84.3450, 92.1934



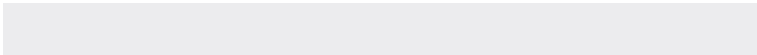
80.5215, 84.3450, 92.0116

Square

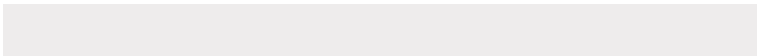
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



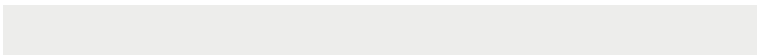
79.8312, 84.3450, 92.1934



80.2916, 84.3450, 92.8049



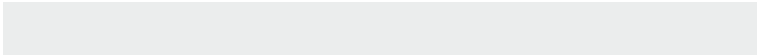
80.5045, 84.3450, 91.4823



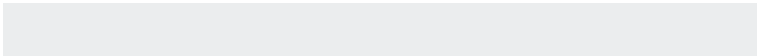
80.0433, 84.3450, 90.8766

Rectangle

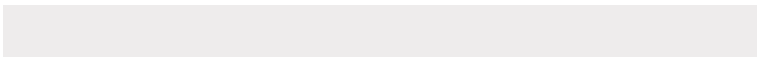
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



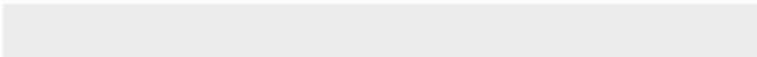
79.8312, 84.3450, 92.1934



80.0462, 84.3450, 92.8079



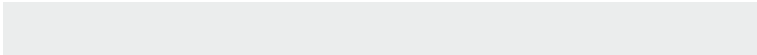
80.5045, 84.3450, 91.4823



80.2887, 84.3450, 90.8736

Sweetspot

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



79.8336, 84.3486, 92.1952

95.0500, 100.0000, 108.9000



79.5539, 84.2380, 90.6651



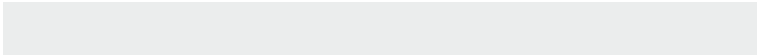
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

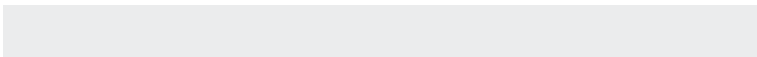
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8336, 84.3486, 92.1952



94.1172, 99.5192, 108.8520



79.5545, 83.7894, 92.1051



16.8441, 17.8057, 19.4706



24.8421, 36.3913, 49.2608



1.9511, 2.8578, 3.8704

Inverse Universe

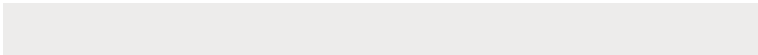
The Inverse Universe completely reimagines the original color for something new.



79.6319, 83.4215, 90.5064



93.8348, 98.2210, 106.4870



79.9094, 83.9775, 90.5960



16.7965, 17.5868, 19.0718



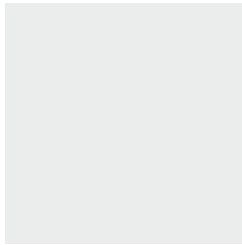
19.0698, 9.8306, 0.9029



1.4979, 0.7721, 0.0732

Previews

White Background



This preview shows how the XYZ color 79.8312, 84.3450, 92.1934 looks on a white background.

Color Contrast Check

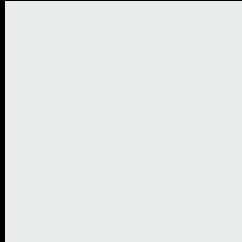
Large Text (above 18pt) WCAG AA × Fail

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 79.8312, 84.3450, 92.1934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

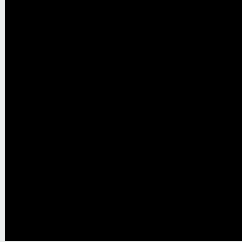
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

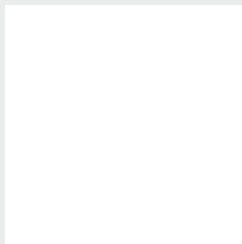
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8312, 84.3450, 92.1934

Background



This preview shows how black text looks on a background with the XYZ color 79.8312, 84.3450, 92.1934.



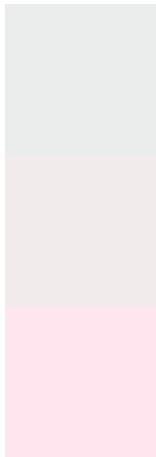
This preview shows how white text looks on a background with the XYZ color 79.8312, 84.3450,

92.1934.

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

79.8312, 84.3450, 92.1934

Protanopia

81.1243, 84.1736, 91.3283

Deuteranopia

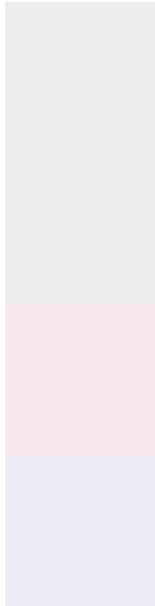
84.9694, 84.0267, 92.6293



Tritanopia

82.6978, 84.6857, 104.9158

Trichromacy



Original Color

79.8312, 84.3450, 92.1934

Protanomaly

80.7324, 84.3978, 91.3922

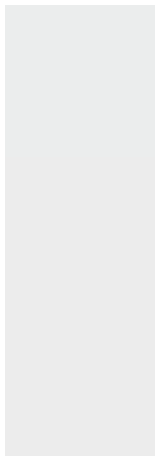
Deuteranomaly

83.2829, 84.4073, 92.7917

Tritanomaly

81.7090, 84.7108, 100.0400

Monochromacy



Original Color

79.8312, 84.3450, 92.1934

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 79.8312, 84.3450, 92.1934 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(235, 237, 237) looks like.

```
.text, #text, p{  
    color:rgb(235, 237, 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(235, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 237, 237) }
```

Border

The CSS property to change the border of an element to XYZ 79.8312, 84.3450, 92.1934 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(235, 237, 237) }
```

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

```
.border{ border-color:rgb(235, 237, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 237, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 237, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 237, 237); box-shadow:4px 4px 4px 4px rgb(235, 237, 237) }
```


Background

The CSS property to change the background color of an element to XYZ 79.8312, 84.3450, 92.1934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 237, 237) }
```

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

```
.background{ background-color: rgb(235,  
237, 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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