

Converting Colors

XYZ(79.1803, 83.3927, 90.8999)

Have a look what the booklet for
XYZ(79.1803, 83.3927, 90.8999)
contains.

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Color

**XYZ(79.3967, 83.7092,
91.3297)**

Conversions

Conversions Part 1

Format	Color
Hex	EBECEC
RGB	235, 236, 236
RGB Percent	92%, 93%, 93%
CMY	0.0784, 0.0745, 0.0745
CMYK	0.00, 0.00, 0.00, 0.07
HSL	180°, 3%, 92%
HSV	180°, 0%, 93%
XYZ	79.3967, 83.7092, 91.3297
YIQ	235.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

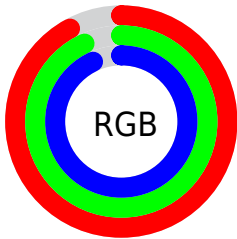
Format	Color
RYB	235, 236, 236
Decimal	15461612
CIELab	93.32, -0.33, -0.13
CIElCh	93, 0.352, 201.151
Yxy	83.7092, 0.3121, 0.3290
Android (android.graphics.Color)	4293651692 (0xFFEBECEC)
YUV	235.7010, 0.1474, -0.6148
Hunter-Lab	91.4927, -5.2113, 4.8606

Details

The XYZ color **79.3967, 83.7092, 91.3297** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.2989, 83.2498, 90.4907**, and the grayscale version is **79.5015, 83.6417, 91.0858**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1499, 45.5215, 49.6923** is the 20% darker color. If you saturate the color by 10%, you get **72.1029, 79.9531, 90.9187**, and if you desaturate by 10%, it is **86.3913, 87.3158, 91.7302**.

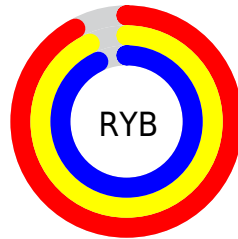
Distribution



Red (92%)

Green (93%)

Blue (93%)



Red (92%)

Yellow (93%)

Blue (93%)

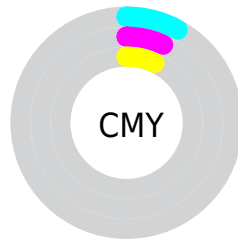


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (8%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3967, 83.7092, 91.3297 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 79.3967, 83.7092, 91.3297 by changing the saturation by 10% instead.

■ 79.3967, 83.7092,
91.3297

■ 79.3967, 83.7092,
91.3297

481.6649,
507.3471, 553.0282

■ 59.5288, 62.7754,
68.5041

131.4722,
138.5683, 151.1357

■ 43.2869, 45.6595,
49.8387

164.4104,
173.2624, 188.9531

■ 30.3058, 31.9772,
34.9150

202.4362,
213.3120, 232.6049

■ 20.2201, 21.3441,
23.3144

245.9148,
259.1016, 282.5096

■ 12.6643, 13.3758,
14.6183

295.2116,
311.0155, 339.0857

■ 7.2732, 7.6878,
8.4083

350.6920,

■ 3.6814, 3.8958,

369.4381, 402.7518

4.2658

412.7213,
434.7538, 473.9265

■ 1.5235, 1.6155,
1.7723

■ 0.3417, 0.3680,
0.4096

■ 79.3967, 83.7092,
91.3297

■ 79.3967, 83.7092,
91.3297

■ 72.1029, 79.9531,
90.9187

■ 86.3913, 87.3158,
91.7302

■ 65.8002, 76.7055,
90.5524


■ 86.4050, 87.3213,
91.8023


■ 60.4477, 73.9478,
90.2306


■ 86.4187, 87.3268,
91.8744


■ 55.9994, 71.6562,
89.9511


■ 86.4324, 87.3323,
91.9466


 52.4053, 69.8049,
89.7117


 86.4461, 87.3378,
92.0188


 49.6103, 68.3656,
89.5097


 86.4599, 87.3433,
92.0911


 47.5532, 67.3067,
89.3423

 86.4736, 87.3488,
92.1634

 46.1640, 66.5921,
89.2061

 86.4873, 87.3542,
92.2357

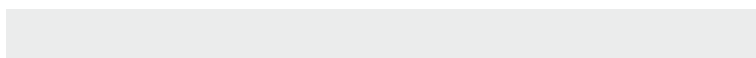
 45.3590, 66.1787,
89.0974

 86.5011, 87.3597,
92.3081

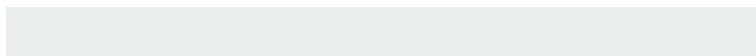
Harmonies

Analogous

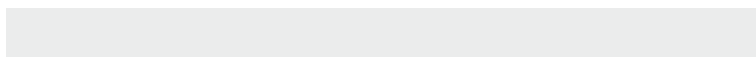
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3868, 83.7092, 91.0665



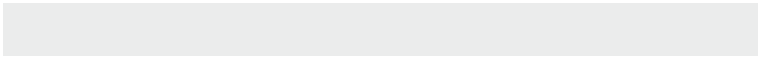
79.3967, 83.7092, 91.3297



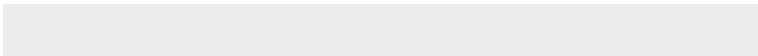
79.4512, 83.7092, 91.5439

Triad

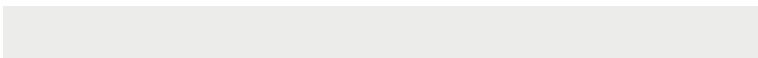
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3967, 83.7092, 91.3297



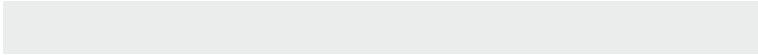
79.7022, 83.7092, 91.4662



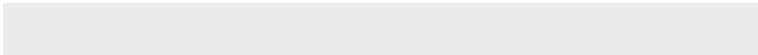
79.5905, 83.7092, 90.6408

Complementary

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



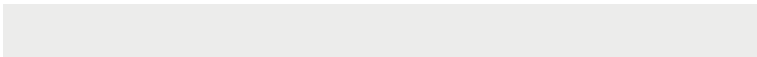
79.3967, 83.7092, 91.3297



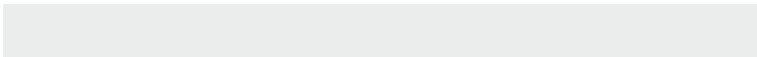
79.2989, 83.2498, 90.4907

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.



79.6751, 83.7092, 90.7475



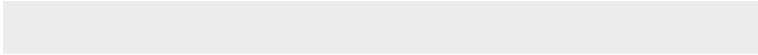
79.3967, 83.7092, 91.3297



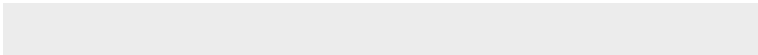
79.7396, 83.7092, 91.2238

Square

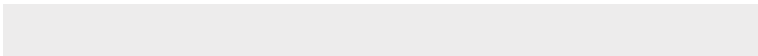
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



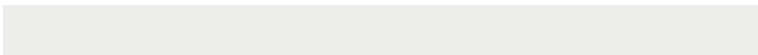
79.3967, 83.7092, 91.3297



79.6275, 83.7092, 91.6228



79.7297, 83.7092, 90.9607



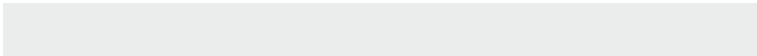
79.4987, 83.7092, 90.6691

Rectangle

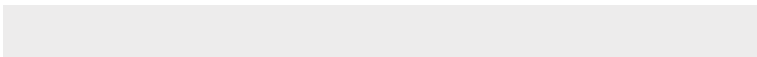
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



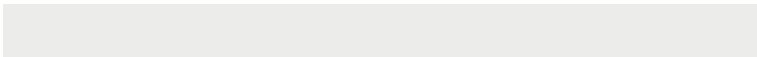
79.3967, 83.7092, 91.3297



79.5054, 83.7092, 91.6298



79.7297, 83.7092, 90.9607



79.6208, 83.7092, 90.6621

Sweetspot

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



79.3991, 83.7128, 91.3315

95.0500, 100.0000, 108.9000



79.2597, 83.6577, 90.5685



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

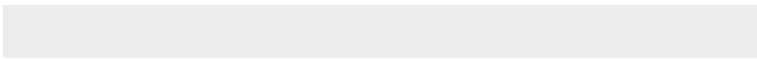
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3991, 83.7128, 91.3315



94.1164, 99.5189, 108.8478



79.2601, 83.4339, 91.2881



16.8439, 17.8056, 19.4699



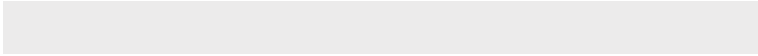
24.8057, 36.3768, 49.0693



1.9487, 2.8568, 3.8576

Inverse Universe

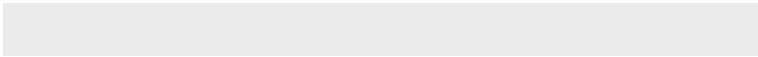
The Inverse Universe completely reimagines the original color for something new.



79.2989, 83.2498, 90.4907



93.8356, 98.2213, 106.4912



79.4375, 83.5279, 90.5341



16.7966, 17.5868, 19.0725



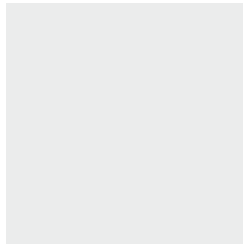
19.0717, 9.8314, 0.9132



1.4984, 0.7723, 0.0762

Previews

White Background



This preview shows how the XYZ color 79.3967, 83.7092, 91.3297 looks on a white background.

Color Contrast Check

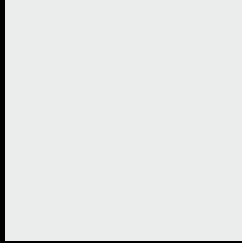
Large Text (above 18pt) WCAG AA × Fail

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 79.3967, 83.7092, 91.3297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

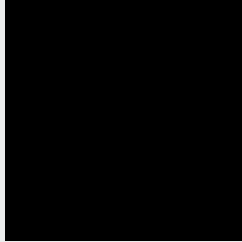
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

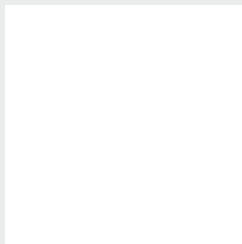
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3967, 83.7092, 91.3297

Background



This preview shows how black text looks on a background with the XYZ color 79.3967, 83.7092, 91.3297.



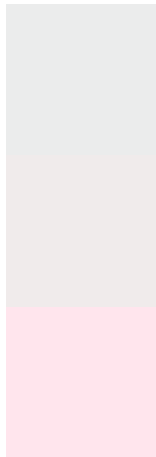
This preview shows how white text looks on a background with the XYZ color 79.3967, 83.7092,

91.3297.

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

79.3967, 83.7092, 91.3297

Protanopia

80.6389, 83.9401, 90.5492

Deuteranopia

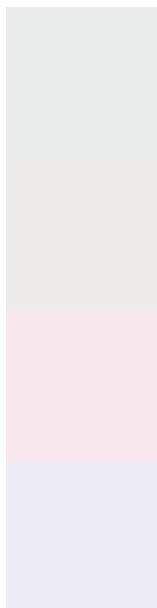
84.5454, 83.4130, 91.7651



Tritanopia

81.9186, 83.8784, 103.9680

Trichromacy



Original Color

79.3967, 83.7092, 91.3297

Protanomaly

79.9636, 83.5920, 90.5176

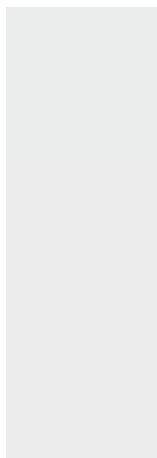
Deuteranomaly

82.8541, 83.7841, 91.9258

Tritanomaly

80.9350, 83.9033, 99.1180

Monochromacy



Original Color

79.3967, 83.7092, 91.3297

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 79.3967, 83.7092, 91.3297 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, 236, 236) looks like.

```
.text, #text, p{  
    color:rgb(235, 236, 236)  
}
```

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, 236, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 236, 236) }
```

Border

The CSS property to change the border of an element to XYZ 79.3967, 83.7092, 91.3297 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, 236, 236) }
```

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

```
.border{ border-color:rgb(235, 236, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 236, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 236, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 236, 236);  
box-shadow:4px 4px 4px 4px rgb(235, 236,  
236) }
```


Background

The CSS property to change the background color of an element to XYZ 79.3967, 83.7092, 91.3297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 236, 236) }
```

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

```
.background{ background-color: rgb(235,  
236, 236) }
```

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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[Learn more, Memberships starting at \\$2.50/m!](#)

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