

Converting Colors

XYZ(11.8598, 11.8529, 8.8871)

Have a look what the booklet for
XYZ(11.8598, 11.8529, 8.8871)
contains.

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Color

**XYZ(11.9334, 11.9350,
8.8824)**

Conversions

Conversions Part 1

Format	Color
Hex	6F5E4E
RGB	111, 94, 78
RGB Percent	44%, 37%, 31%
CMY	0.5647, 0.6314, 0.6941
CMYK	0.00, 0.15, 0.30, 0.56
HSL	29°, 17%, 37%
HSV	29°, 30%, 44%
XYZ	11.9334, 11.9350, 8.8824
YIQ	97.2590, 15.2680, -1.3720

Conversions

Conversions Part 2

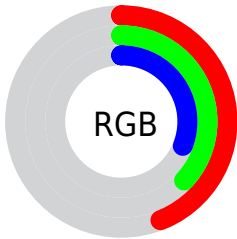
Format	Color
R_{YB}	111, 109, 78
Decimal	7298638
CIE Lab	41.11, 4.19, 11.73
CIE LCh	41, 12.457, 70.331
Yxy	11.9350, 0.3644, 0.3644
Android (android.graphics.Color)	4285488718 (0xFF6F5E4E)
YUV	97.2590, -9.4947, 12.0509
Hunter-Lab	34.5471, 1.2009, 8.9389

Details

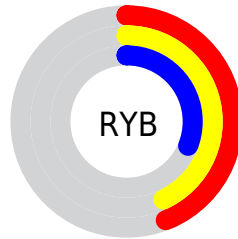
The XYZ color **11.9334, 11.9350, 8.8824** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.1032, 10.9514, 16.6203**, and the grayscale version is **11.4463, 12.0424, 13.1142**.

A 20% lighter version of the original color is **28.9083, 29.2654, 24.2038**, and **3.3956, 3.2862, 1.9687** is the 20% darker color. If you saturate the color by 10%, you get **11.0789, 10.8100, 6.7972**, and if you desaturate by 10%, it is **12.8934, 13.1633, 11.3346**.

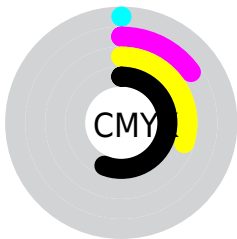
Distribution



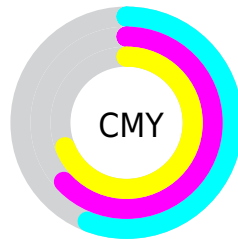
- Red (44%)
- Green (37%)
- Blue (31%)



- Red (44%)
- Yellow (43%)
- Blue (31%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (56%)



- Cyan (56%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9334, 11.9350, 8.8824 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 11.9334, 11.9350, 8.8824 by changing the saturation by 10% instead.

■ 11.9334, 11.9350,
8.8824

■ 11.9334, 11.9350,
8.8824

197.7428,
203.9745, 192.6838

■ 6.7702, 6.6994,
4.5688

■ 28.9917, 29.3767,
24.2451

■ 3.3639, 3.2748,
1.9423

■ 41.6174, 42.3516,
36.1313

■ 1.3490, 1.2769,
0.5194

■ 57.4615, 58.6750,
51.3787

■ 0.2194, 0.1232,
0.0000

■ 76.8891, 78.7314,
70.4060

■ 0.0000, 0.0000,
0.0000

■ 100.2657,
102.9052, 93.6316

127.9566,

131.5807, 121.4740

160.3272,
165.1423, 154.3519

■ 11.9334, 11.9350,
8.8824

■ 11.9334, 11.9350,
8.8824

■ 11.0789, 10.8100,
6.7972

■ 12.8934, 13.1633,
11.3346

■ 10.3249, 9.7838,
5.0601

■ 13.9618, 14.4960,
14.1697

■ 9.6670, 8.8537,
3.6519

■ 15.1427, 15.9366,
17.4038

■ 9.1003, 8.0163,
2.5510

■ 16.4397, 17.4874,
21.0517

■ 8.6196, 7.2680,
1.7332

■ 17.8560, 19.1511,
25.1275

■ 8.2185, 6.6049,
1.1706

■ 19.3949, 20.9300,
29.6446

■ 7.8756, 6.0169,
0.7549

■ 21.0594, 22.8265,
34.6158

■ 7.8667, 6.0018,
0.7438

■ 22.8525, 24.8428,
40.0534

■ 24.7771, 26.9811,
45.9692

Harmonies

Analogous

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



12.7079, 11.9350, 10.0575



11.9334, 11.9350, 8.8824



11.0378, 11.9350, 8.7221

Triad

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



11.9334, 11.9350, 8.8824



9.7327, 11.9350, 13.8998



12.4953, 11.9350, 17.1290

Complementary

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



11.9334, 11.9350, 8.8824



10.1032, 10.9514, 16.6203

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.



11.6555, 11.9350, 18.4759



11.9334, 11.9350, 8.8824



10.0811, 11.9350, 16.4555

Square

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



11.9334, 11.9350, 8.8824



9.7983, 11.9350, 11.4049



10.7741, 11.9350, 18.2144



13.0439, 11.9350, 14.7268

Rectangle

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



11.9334, 11.9350, 8.8824



10.4963, 11.9350, 9.1863



10.7741, 11.9350, 18.2144



12.2359, 11.9350, 17.7336

Sweetspot

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



11.9337, 11.9355, 8.8826



25.0986, 26.0780, 25.6370



11.3478, 9.6555, 12.1041



5.9733, 6.1954, 6.0068



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.9337, 11.9355, 8.8826



20.2411, 19.8933, 13.1345



13.5554, 15.1788, 9.4232



3.5056, 3.6436, 3.5919



9.2440, 7.0205, 0.8679



45.1916, 33.2583, 4.0376

Inverse Universe

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



10.1032, 10.9514, 16.6203



16.3680, 17.8106, 29.5049



8.7749, 8.2948, 16.1775



3.3464, 3.5581, 4.2646



5.0891, 4.7685, 18.3738



24.4840, 22.0198, 91.2389

Previews

White Background



This preview shows how the XYZ color 11.9334, 11.9350, 8.8824 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 11.9334, 11.9350, 8.8824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.9334, 11.9350, 8.8824

Background



This preview shows how black text looks on a background with the XYZ color 11.9334, 11.9350, 8.8824.



This preview shows how white text looks on a background with the XYZ color 11.9334, 11.9350,

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

11.9334, 11.9350, 8.8824

Protanopia

11.2795, 11.9975, 9.1184

Deuteranopia

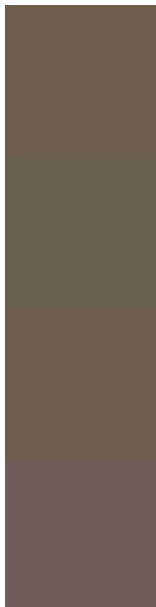
12.0995, 11.8895, 8.8649



Tritanopia

12.7557, 11.8747, 13.1750

Trichromacy



Original Color

11.9334, 11.9350, 8.8824

Protanomaly

11.5380, 11.9944, 9.1042

Deuteranomaly

11.9716, 11.8235, 8.8589

Tritanomaly

12.3976, 11.8544, 11.5322

Monochromacy



Original Color

11.9334, 11.9350, 8.8824

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.5078, 11.9287, 11.3688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9334, 11.9350, 8.8824 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(111, 94, 78)` looks like.

```
.text, #text, p{  
    color:rgb(111, 94, 78)  
}
```

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(111, 94, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 94, 78) }
```

Border

The CSS property to change the border of an element to XYZ 11.9334, 11.9350, 8.8824 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(111, 94, 78) }
```


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

```
.border{ border-color:rgb(111, 94, 78) }
```

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

Here you see how a box with a 4 pixel rgb(111, 94, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 94, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 94, 78);  
box-shadow:4px 4px 4px 4px rgb(111, 94,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9334, 11.9350, 8.8824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 94, 78) }
```

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

```
.background{ background-color: rgb(111, 94,  
78) }
```

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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