

Converting Colors

XYZ(11.5110, 11.3330, 8.6020)

Have a look what the booklet for
XYZ(11.5110, 11.3330, 8.6020)
contains.

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Color

**XYZ(11.5110, 11.3330,
8.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	6E5B4D
RGB	110, 91, 77
RGB Percent	43%, 36%, 30%
CMY	0.5686, 0.6431, 0.6980
CMYK	0.00, 0.17, 0.30, 0.57
HSL	25°, 18%, 37%
HSV	25°, 30%, 43%
XYZ	11.5110, 11.3330, 8.6020
YIQ	95.0850, 15.8180, -0.3260

Conversions

Conversions Part 2

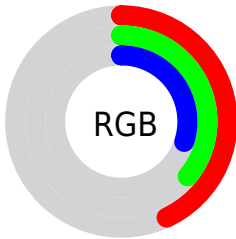
Format	Color
RYB	110, 101, 77
Decimal	7232333
CIELab	40.14, 5.41, 10.97
CIElCh	40, 12.232, 63.730
Yxy	11.3330, 0.3661, 0.3604
Android (android.graphics.Color)	4285422413 (0xFF6E5B4D)
YUV	95.0850, -8.9159, 13.0805
Hunter-Lab	33.6645, 2.1221, 8.4153

Details

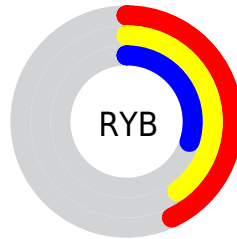
The XYZ color **11.5110, 11.3330, 8.6020** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.0577, 11.0688, 16.3581**, and the grayscale version is **10.9159, 11.4844, 12.5065**.

A 20% lighter version of the original color is **28.1911, 28.2375, 23.7032**, and **3.1995, 3.0107, 1.8513** is the 20% darker color. If you saturate the color by 10%, you get **10.6364, 10.1536, 6.5537**, and if you desaturate by 10%, it is **12.4976, 12.6311, 11.0121**.

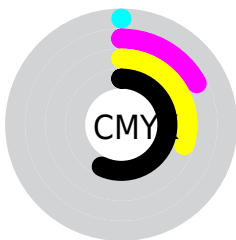
Distribution



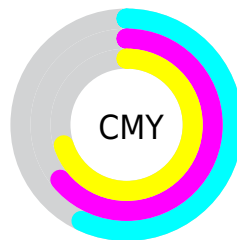
- Red (43%)
- Green (36%)
- Blue (30%)



- Red (43%)
- Yellow (40%)
- Blue (30%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (57%)



- Cyan (57%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5110, 11.3330, 8.6020 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 11.5110, 11.3330, 8.6020 by changing the saturation by 10% instead.

■ 11.5110, 11.3330,
8.6020

■ 11.5110, 11.3330,
8.6020

194.9773,
199.9381, 190.4879

■ 6.4815, 6.2913,
4.3893

■ 28.2260, 28.2743,
23.6958

■ 3.1834, 3.0230,
1.8412

■ 40.6421, 40.9427,
35.4139

■ 1.2515, 1.1438,
0.4549

■ 56.2511, 56.9221,
50.4709

■ 0.1464, 0.0150,
0.0000

■ 75.4184, 76.5969,
69.2853

■ 0.0000, 0.0000,
0.0000

■ 98.5093, 100.3515,
92.2757

125.8892,

128.5703, 119.8605

157.9234,
161.6377, 152.4584

■ 11.5110, 11.3330,
8.6020

■ 11.5110, 11.3330,
8.6020

■ 10.6364, 10.1536,
6.5537

■ 12.4976, 12.6311,
11.0121

■ 9.8685, 9.0878,
4.8486

■ 13.5995, 14.0497,
13.7997

■ 9.2028, 8.1323,
3.4676

■ 14.8208, 15.5927,
16.9806

■ 8.6341, 7.2832,
2.3897

■ 16.1654, 17.2631,
20.5695

■ 8.1568, 6.5360,
1.5908

■ 17.6367, 19.0639,
24.5802

■ 7.7643, 5.8862,
1.0436

■ 19.2382, 20.9980,
29.0259

■ 7.4340, 5.3222,
0.6355

■ 20.9732, 23.0682,
33.9193

■ 7.4340, 5.3222,
0.6355

■ 22.8447, 25.2772,
39.2725

■ 24.8559, 27.6276,
45.0972

Harmonies

Analogous

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



12.1882, 11.3330, 9.9200



11.5110, 11.3330, 8.6020



10.6658, 11.3330, 8.2352

Triad

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



11.5110, 11.3330, 8.6020



9.2224, 11.3330, 12.6465



11.7044, 11.3330, 16.6538

Complementary

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



11.5110, 11.3330, 8.6020



10.0577, 11.0688, 16.3581

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.



10.8783, 11.3330, 17.6217



11.5110, 11.3330, 8.6020



9.4694, 11.3330, 15.1240

Square

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



11.5110, 11.3330, 8.6020



9.3722, 11.3330, 10.3827



10.0647, 11.3330, 17.0282



12.3039, 11.3330, 14.5284

Rectangle

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



11.5110, 11.3330, 8.6020



10.1276, 11.3330, 8.5333



10.0647, 11.3330, 17.0282



11.4425, 11.3330, 17.1372

Sweetspot

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



11.5113, 11.3335, 8.6022



24.0390, 24.8723, 24.6346



11.2072, 9.4720, 12.3644



5.5405, 5.7197, 5.5950



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.5113, 11.3335, 8.6022



19.1265, 18.4402, 12.5377



13.0537, 14.4183, 9.1164



3.4900, 3.6126, 3.5867



8.9025, 6.3374, 0.7540



43.5286, 29.9324, 3.4833

Inverse Universe

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



10.0577, 11.0688, 16.3581



16.1316, 17.8926, 28.5106



8.7255, 8.4045, 15.9141



3.3621, 3.5894, 4.2698



5.5088, 5.6079, 18.5137



26.5740, 26.1999, 91.9356

Previews

White Background



This preview shows how the XYZ color 11.5110, 11.3330, 8.6020 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 11.5110, 11.3330, 8.6020 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 11.5110, 11.3330, 8.6020

Background



This preview shows how black text looks on a background with the XYZ color 11.5110, 11.3330, 8.6020.

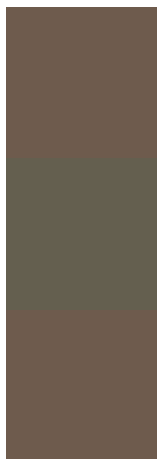


This preview shows how white text looks on a background with the XYZ color 11.5110, 11.3330,

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

11.5110, 11.3330, 8.6020

Protanopia

10.7590, 11.4583, 9.0417

Deuteranopia

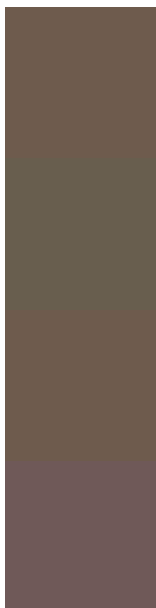
11.5110, 11.3330, 8.6020



Tritanopia

12.2374, 11.2504, 12.3530

Trichromacy



Original Color

11.5110, 11.3330, 8.6020

Protanomaly

11.0868, 11.4985, 8.8428

Deuteranomaly

11.5110, 11.3330, 8.6020

Tritanomaly

11.8894, 11.2288, 10.7733

Monochromacy



Original Color

11.5110, 11.3330, 8.6020

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.0197, 11.4193, 10.8559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5110, 11.3330, 8.6020 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(110, 91, 77)` looks like.

```
.text, #text, p{  
    color:rgb(110, 91, 77)  
}
```

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(110, 91, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 91, 77) }
```

Border

The CSS property to change the border of an element to XYZ 11.5110, 11.3330, 8.6020 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(110, 91, 77) }
```


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

```
.border{ border-color:rgb(110, 91, 77) }
```

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

Here you see how a box with a 4 pixel rgb(110, 91, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 91, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 91, 77);  
box-shadow:4px 4px 4px 4px rgb(110, 91,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5110, 11.3330, 8.6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 91, 77) }
```

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

```
.background{ background-color: rgb(110, 91,  
77) }
```

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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