

Converting Colors

XYZ(11.5034, 12.0542, 10.9530)

Have a look what the booklet for
XYZ(11.5034, 12.0542, 10.9530)
contains.

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Color

**XYZ(11.5156, 12.0787,
10.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	666158
RGB	102, 97, 88
RGB Percent	40%, 38%, 35%
CMY	0.6000, 0.6196, 0.6549
CMYK	0.00, 0.05, 0.14, 0.60
HSL	39°, 7%, 37%
HSV	39°, 14%, 40%
XYZ	11.5156, 12.0787, 10.9570
YIQ	97.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

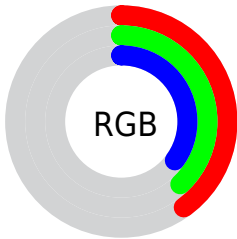
Format	Color
RYB	96, 102, 88
Decimal	6709592
CIELab	41.34, 0.25, 5.84
CIELCh	41, 5.842, 87.527
Yxy	12.0787, 0.3333, 0.3496
Android (android.graphics.Color)	4284899672 (0xFF666158)
YUV	97.4690, -4.6682, 3.9737
Hunter-Lab	34.7544, -1.6757, 5.6358

Details

The XYZ color **11.5156, 12.0787, 10.9570** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.3371, 10.8625, 14.1223**, and the grayscale version is **11.4882, 12.0865, 13.1622**.

A 20% lighter version of the original color is **28.3142, 29.7871, 28.3019**, and **3.1954, 3.3543, 2.7645** is the 20% darker color. If you saturate the color by 10%, you get **10.7937, 11.2642, 8.7757**, and if you desaturate by 10%, it is **12.3128, 12.9488, 13.4555**.

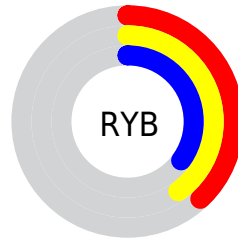
Distribution



Red (40%)

Green (38%)

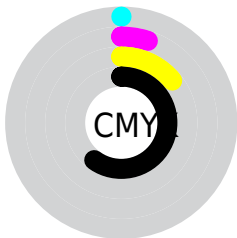
Blue (35%)



Red (38%)

Yellow (40%)

Blue (35%)

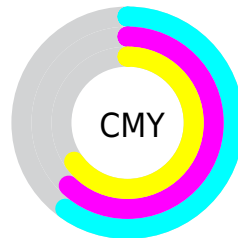


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (60%)



Cyan (60%)

Magenta (62%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5156, 12.0787, 10.9570 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 11.5156, 12.0787, 10.9570 by changing the saturation by 10% instead.

■ 11.5156, 12.0787,
10.9570

■ 11.5156, 12.0787,
10.9570

195.0076,
204.9256, 208.0991

■ 6.4846, 6.7973,
5.9241

■ 28.2343, 29.6384,
28.2161

■ 3.1854, 3.3357,
2.7310

■ 40.6527, 42.6854,
41.2793

■ 1.2525, 1.3094,
0.9589

■ 56.2644, 59.0898,
57.8565

■ 0.1472, 0.1484,
0.0000

■ 75.4345, 79.2359,
78.3660

■ 0.0000, 0.0000,
0.0000

■ 98.5286, 103.5082,
103.2265

125.9119,

132.2909, 132.8565

157.9498,
165.9686, 167.6745

■ 11.5156, 12.0787,
10.9570

■ 11.5156, 12.0787,
10.9570

■ 10.7937, 11.2642,
8.7757

■ 12.3128, 12.9488,
13.4555

■ 10.1433, 10.5024,
6.8977

■ 13.1868, 13.8742,
16.2824

■ 9.5621, 9.7923,
5.3096

■ 14.1402, 14.8568,
19.4497

■ 9.0470, 9.1323,
3.9965

■ 15.1754, 15.8978,
22.9683

■ 8.5947, 8.5209,
2.9420

■ 16.2945, 16.9982,
26.8486

■ 8.2016, 7.9561,
2.1283

■ 17.4995, 18.1594,
31.1007

■ 7.8636, 7.4360,
1.5349

■ 18.7926, 19.3823,
35.7343

■ 7.5739, 6.9575,
1.1275

■ 20.1755, 20.6680,
40.7586

■ 7.4036, 6.6730,
0.8978

■ 21.6503, 22.0175,
46.1825

Harmonies

Analogous

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



11.9231, 12.0787, 11.2810



11.5156, 12.0787, 10.9570



11.1083, 12.0787, 11.1904

Triad

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



11.5156, 12.0787, 10.9570



10.7735, 12.0787, 14.2590



12.1811, 12.0787, 14.4436

Complementary

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



11.5156, 12.0787, 10.9570



10.3371, 10.8625, 14.1223

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.



11.8608, 12.0787, 15.3296



11.5156, 12.0787, 10.9570



11.0489, 12.0787, 15.2184

Square

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



11.5156, 12.0787, 10.9570



10.6861, 12.0787, 13.0513



11.4454, 12.0787, 15.6214



12.3132, 12.0787, 13.2525

Rectangle

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



11.5156, 12.0787, 10.9570



10.8903, 12.0787, 11.6392



11.4454, 12.0787, 15.6214



12.0915, 12.0787, 14.7897

Sweetspot

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



11.5159, 12.0792, 10.9573



21.5368, 22.6479, 23.4163



10.9510, 10.5971, 11.8553



5.0608, 5.3214, 5.4608



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.5159, 12.0792, 10.9573



19.8372, 20.7840, 18.1162



11.7832, 12.9244, 11.1063



2.9622, 3.1119, 3.0190



9.4718, 8.4967, 1.1408



48.5531, 42.6201, 5.6675

Inverse Universe

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



10.3371, 10.8625, 14.1223



17.4019, 18.2706, 24.6551



10.0916, 10.1059, 13.9892



2.7653, 2.9087, 3.5476



3.8719, 2.8156, 16.4837



19.4311, 13.1589, 85.7172

Previews

White Background



This preview shows how the XYZ color 11.5156, 12.0787, 10.9570 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 11.5156, 12.0787, 10.9570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

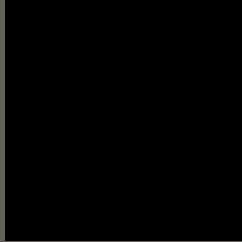
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

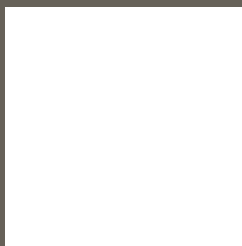
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5156, 12.0787, 10.9570

Background



This preview shows how black text looks on a background with the XYZ color 11.5156, 12.0787, 10.9570.



This preview shows how white text looks on a background with the XYZ color 11.5156, 12.0787,

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

11.5156, 12.0787, 10.9570

Protanopia

11.4030, 12.0207, 10.9517

Deuteranopia

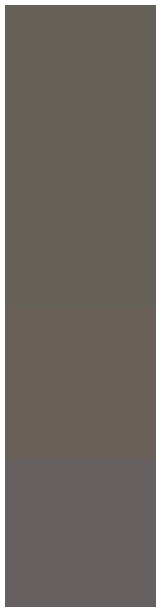
12.2363, 12.0417, 11.1305



Tritanopia

12.1994, 12.0868, 14.2604

Trichromacy



Original Color

11.5156, 12.0787, 10.9570

Protanomaly

11.4030, 12.0207, 10.9517

Deuteranomaly

11.9588, 12.0315, 11.1432

Tritanomaly

11.9341, 12.1124, 13.0182

Monochromacy



Original Color

11.5156, 12.0787, 10.9570

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.4407, 12.0102, 12.3049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5156, 12.0787, 10.9570 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(102, 97, 88)` looks like.

```
.text, #text, p{  
    color:rgb(102, 97, 88)  
}
```

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(102, 97, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 97, 88) }
```

Border

The CSS property to change the border of an element to XYZ 11.5156, 12.0787, 10.9570 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(102, 97, 88) }
```


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

```
.border{ border-color:rgb(102, 97, 88) }
```

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

Here you see how a box with a 4 pixel rgb(102, 97, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 97, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 97, 88);  
box-shadow:4px 4px 4px 4px rgb(102, 97,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5156, 12.0787, 10.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 97, 88) }
```

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

```
.background{ background-color: rgb(102, 97,  
88) }
```

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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