

Converting Colors

XYZ(11.5405, 11.6821, 12.2891)

Have a look what the booklet for
XYZ(11.5405, 11.6821, 12.2891)
contains.

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Color

**XYZ(11.5026, 11.6383,
12.2298)**

Conversions

Conversions Part 1

Format	Color
Hex	665E5E
RGB	102, 94, 94
RGB Percent	40%, 37%, 37%
CMY	0.6000, 0.6314, 0.6314
CMYK	0.00, 0.08, 0.08, 0.60
HSL	0°, 4%, 38%
HSV	0°, 8%, 40%
XYZ	11.5026, 11.6383, 12.2298
YIQ	96.3920, 4.7680, 1.6960

Conversions

Conversions Part 2

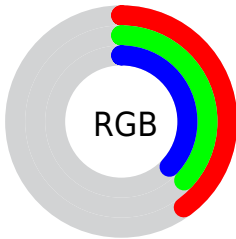
Format	Color
R_{YB}	102, 94, 94
Decimal	6708830
CIE Lab	40.64, 3.20, 1.15
CIE LCh	41, 3.400, 19.761
Yxy	11.6383, 0.3252, 0.3290
Android (android.graphics.Color)	4284898910 (0xFF665E5E)
YUV	96.3920, -1.1793, 4.9182
Hunter-Lab	34.1150, 0.4840, 2.6257

Details

The XYZ color **11.5026, 11.6383, 12.2298** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7658, 12.8417, 14.4292**, and the grayscale version is **11.2157, 11.7998, 12.8500**.

A 20% lighter version of the original color is **28.1442, 28.7324, 30.4481**, and **3.1660, 3.1395, 3.2354** is the 20% darker color. If you saturate the color by 10%, you get **10.2272, 9.7721, 9.6938**, and if you desaturate by 10%, it is **12.9590, 13.7694, 15.1250**.

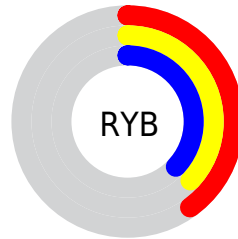
Distribution



Red (40%)

Green (37%)

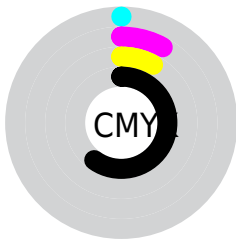
Blue (37%)



Red (40%)

Yellow (37%)

Blue (37%)

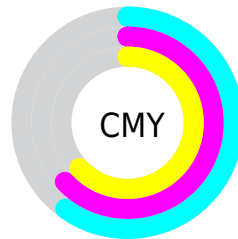


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (60%)



Cyan (60%)

Magenta (63%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5026, 11.6383, 12.2298 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 11.5026, 11.6383, 12.2298 by changing the saturation by 10% instead.

■ 11.5026, 11.6383,
12.2298

■ 11.5026, 11.6383,
12.2298

194.9219,
201.9958, 216.9524

■ 6.4757, 6.4979,
6.7759

■ 28.2107, 28.8346,
30.5836

■ 3.1798, 3.1501,
3.2461

■ 40.6226, 41.6593,
44.3206

■ 1.2496, 1.2106,
1.2216

■ 56.2269, 57.8142,
61.6557

■ 0.1450, 0.0703,
0.0000

■ 75.3890, 77.6837,
83.0076

■ 0.0000, 0.0000,
0.0000

98.4742, 101.6522,
108.7946

125.8478,

130.1042, 139.4354

157.8753,
163.4239, 175.3485

■ 11.5026, 11.6383,
12.2298

■ 11.5026, 11.6383,
12.2298

■ 10.2272, 9.7721,
9.6938

■ 12.9590, 13.7694,
15.1250

■ 9.1248, 8.1590,
7.5021

■ 14.6021, 16.1736,
18.3917

■ 8.1883, 6.7886,
5.6402

■ 16.4384, 18.8605,
22.0427

■ 7.4095, 5.6491,
4.0922

■ 18.4741, 21.8391,
26.0900

■ 6.7800, 4.7279,
2.8407

■ 20.7148, 25.1177,
30.5449

■ 6.2901, 4.0110,
1.8669

■ 23.1660, 28.7043,
35.4185

■ 5.9291, 3.4828,
1.1495

■ 25.8330, 32.6067,
40.7213

■ 5.6851, 3.1256,
0.6644

■ 28.7210, 36.8324,
46.4635

■ 5.5158, 2.8779,
0.3279

■ 31.8350, 41.3886,
52.6548

Harmonies

Analogous

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



11.5230, 11.6383, 12.9089



11.5026, 11.6383, 12.2298



11.3631, 11.6383, 11.6882

Triad

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



11.5026, 11.6383, 12.2298



10.7127, 11.6383, 11.8361



10.9799, 11.6383, 14.0200

Complementary

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



11.5026, 11.6383, 12.2298



11.7658, 12.8417, 14.4292

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.



10.7659, 11.6383, 13.7098



11.5026, 11.6383, 12.2298



10.6132, 11.6383, 12.4383

Square

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



11.5026, 11.6383, 12.2298



10.9063, 11.6383, 11.4667



10.6325, 11.6383, 13.1250



11.2189, 11.6383, 13.9593

Rectangle

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



11.5026, 11.6383, 12.2298



11.2225, 11.6383, 11.4702



10.6325, 11.6383, 13.1250



10.9027, 11.6383, 13.9552

Sweetspot

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



11.5029, 11.6388, 12.2300



21.6114, 22.5159, 24.3078



11.8807, 11.7897, 14.2201



5.1092, 5.3277, 5.7561



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.



11.5029, 11.6388, 12.2300



19.8377, 19.9206, 20.7815



11.8678, 12.3685, 12.3517



2.8295, 2.8465, 2.9748



7.0377, 3.6284, 0.3294



36.7044, 18.9226, 1.7179

Inverse Universe

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



11.7658, 12.8417, 14.4292



20.3770, 22.3883, 25.2931



11.3822, 12.0746, 14.3014



2.9035, 3.1851, 3.5937



9.1797, 13.4312, 18.2530



47.8763, 70.0492, 95.1989

Previews

White Background



This preview shows how the XYZ color 11.5026, 11.6383, 12.2298 looks on a white background.

Color Contrast Check

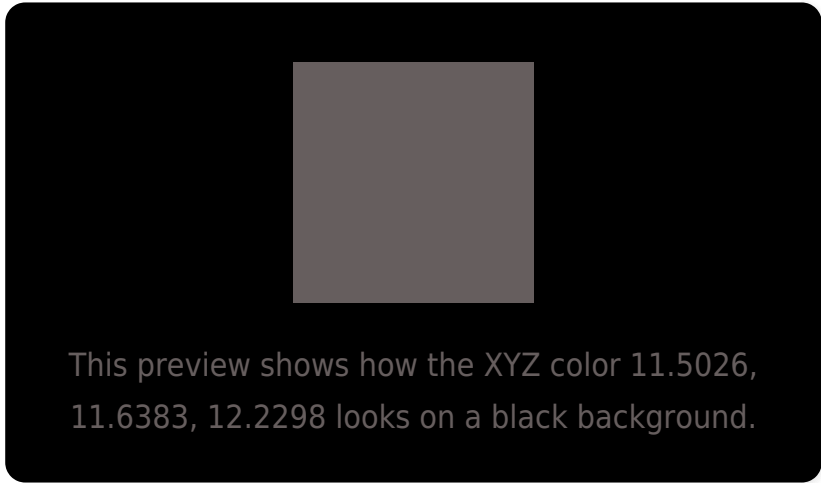
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

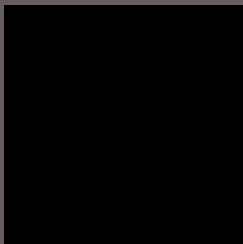
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5026, 11.6383, 12.2298

Background



This preview shows how black text looks on a background with the XYZ color 11.5026, 11.6383, 12.2298.



This preview shows how white text looks on a background with the XYZ color 11.5026, 11.6383,

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

11.5026, 11.6383, 12.2298

Protanopia

11.1948, 11.6073, 12.4769

Deuteranopia

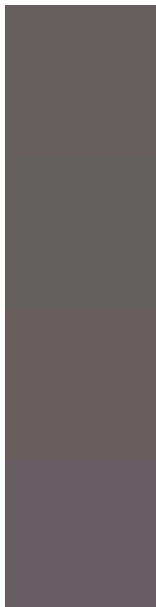
11.8786, 11.7010, 12.2221



Tritanopia

11.8081, 11.6324, 13.6795

Trichromacy



Original Color

11.5026, 11.6383, 12.2298

Protanomaly

11.3034, 11.6633, 12.4820

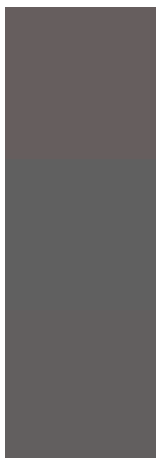
Deuteranomaly

11.7604, 11.6401, 12.2166

Tritanomaly

11.7125, 11.5941, 13.1758

Monochromacy



Original Color

11.5026, 11.6383, 12.2298

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.1948, 11.6073, 12.4769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5026, 11.6383, 12.2298 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, 94, 94)` looks like.

```
.text, #text, p{  
    color:rgb(102, 94, 94)  
}
```

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, 94, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 94, 94) }
```

Border

The CSS property to change the border of an element to XYZ 11.5026, 11.6383, 12.2298 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, 94, 94) }
```


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

```
.border{ border-color:rgb(102, 94, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 94, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 94, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 94, 94);  
box-shadow:4px 4px 4px 4px rgb(102, 94,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5026, 11.6383, 12.2298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 94, 94) }
```

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

```
.background{ background-color: rgb(102, 94,  
94) }
```

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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