

Converting Colors

XYZ(11.0477, 12.0281, 7.5175)

Have a look what the booklet for
XYZ(11.0477, 12.0281, 7.5175)
contains.

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Color

**XYZ(11.0667, 12.0611,
7.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	676246
RGB	103, 98, 70
RGB Percent	40%, 38%, 27%
CMY	0.5961, 0.6157, 0.7255
CMYK	0.00, 0.05, 0.32, 0.60
HSL	51°, 19%, 34%
HSV	51°, 32%, 40%
XYZ	11.0667, 12.0611, 7.5391
YIQ	96.3030, 11.9680, -7.6480

Conversions

Conversions Part 2

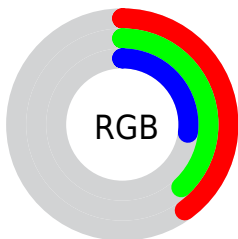
Format	Color
R_{YB}	76, 103, 70
Decimal	6775366
CIE Lab	41.31, -2.89, 16.69
CIE LCh	41, 16.937, 99.809
Yxy	12.0611, 0.3609, 0.3933
Android (android.graphics.Color)	4284965446 (0xFF676246)
YUV	96.3030, -12.9674, 5.8733
Hunter-Lab	34.7291, -3.8955, 11.4395

Details

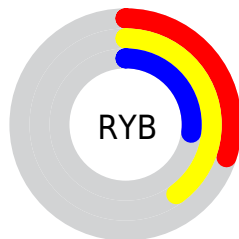
The XYZ color **11.0667, 12.0611, 7.5391** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.4900, 7.3134, 13.8489**, and the grayscale version is **11.2206, 11.8050, 12.8556**.

A 20% lighter version of the original color is **27.5948, 29.7954, 21.7494**, and **2.9900, 3.3428, 1.4649** is the 20% darker color. If you saturate the color by 10%, you get **10.6247, 11.6534, 5.9230**, and if you desaturate by 10%, it is **11.5680, 12.4979, 9.4505**.

Distribution



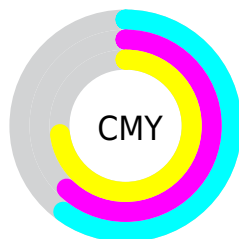
- Red (40%)
- Green (38%)
- Blue (27%)



- Red (30%)
- Yellow (40%)
- Blue (27%)



- Cyan (0%)
- Magenta (5%)
- Yellow (32%)
- Black (60%)



- Cyan (60%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0667, 12.0611, 7.5391 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 11.0667, 12.0611, 7.5391 by changing the saturation by 10% instead.

■ 11.0667, 12.0611,
7.5391

■ 11.0667, 12.0611,
7.5391

192.0234,
204.8094, 181.8684

■ 6.1793, 6.7853,
3.7180

■ 27.4153, 29.6063,
21.5809

■ 2.9961, 3.3282,
1.4719

■ 39.6072, 42.6446,
32.6386

■ 1.1517, 1.3054,
0.1969

■ 54.9648, 59.0391,
46.9455

■ 0.0677, 0.1454,
0.0000

■ 73.8532, 79.1742,
64.9203

■ 0.0000, 0.0000,
0.0000

■ 96.6380, 103.4344,
86.9815

123.6843,

132.2041, 113.5475

155.3577,
165.8676, 145.0369

■ 11.0667, 12.0611,
7.5391

■ 11.0667, 12.0611,
7.5391

■ 10.6247, 11.6534,
5.9230

■ 11.5680, 12.4979,
9.4505

■ 10.2381, 11.2720,
4.5864

■ 12.1303, 12.9632,
11.6704

■ 9.9042, 10.9162,
3.5133

■ 12.7564, 13.4587,
14.2120

■ 9.6195, 10.5846,
2.6856

■ 13.4486, 13.9852,
17.0877

■ 9.3802, 10.2755,
2.0830

■ 14.2093, 14.5438,
20.3090

■ 9.1812, 9.9870,
1.6793

■ 15.0404, 15.1352,
23.8872

■ 9.0343, 9.7651,
1.4087

■ 15.9440, 15.7603,
27.8328

■ 16.9221, 16.4199,
32.1558

■ 17.9765, 17.1149,
36.8662

Harmonies

Analogous

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



12.2969, 12.0611, 7.7597



11.0667, 12.0611, 7.5391



10.0195, 12.0611, 8.5982

Triad

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



11.0667, 12.0611, 7.5391



9.7462, 12.0611, 17.9475



13.8221, 12.0611, 15.6038

Complementary

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



11.0667, 12.0611, 7.5391



7.4900, 7.3134, 13.8489

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.



13.0405, 12.0611, 19.0327



11.0667, 12.0611, 7.5391



10.6690, 12.0611, 20.5443

Square

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



11.0667, 12.0611, 7.5391



9.2938, 12.0611, 14.3168



11.8701, 12.0611, 20.9735



13.9476, 12.0611, 12.0154

Rectangle

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



11.0667, 12.0611, 7.5391



9.5441, 12.0611, 10.0210



11.8701, 12.0611, 20.9735



13.6249, 12.0611, 16.8294

Sweetspot

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



11.0670, 12.0616, 7.5394



21.9078, 23.3628, 21.6488



9.0710, 7.7789, 7.7702



5.3178, 5.6781, 5.1726



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.0670, 12.0616, 7.5394



19.2455, 21.0752, 11.3986



10.3695, 12.4181, 7.6449



3.0068, 3.2010, 3.0338



11.3465, 12.2461, 1.7657



58.6697, 62.8532, 9.0397

Inverse Universe

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



7.4900, 7.3134, 13.8489



11.8115, 11.2090, 24.5181



8.0318, 7.1091, 13.7809



2.7232, 2.8245, 3.5336



3.2865, 1.6448, 16.2886



16.7165, 7.7297, 84.8123

Previews

White Background



This preview shows how the XYZ color 11.0667, 12.0611, 7.5391 looks on a white background.

Color Contrast Check

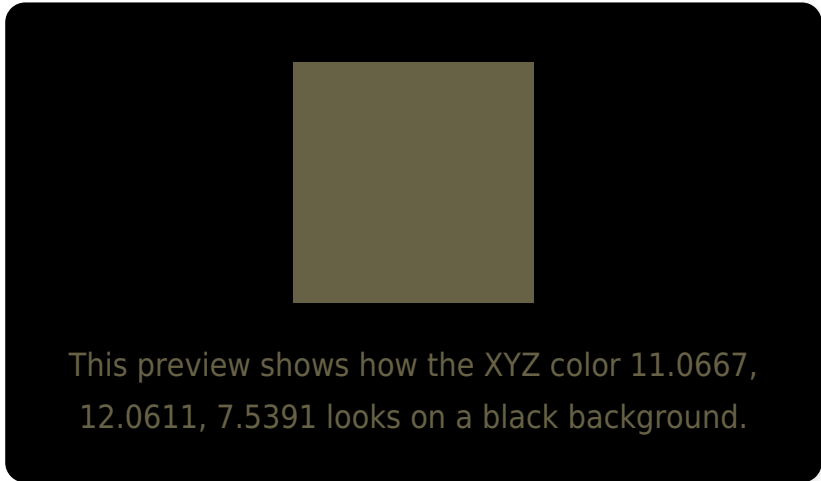
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0667, 12.0611, 7.5391

Background



This preview shows how black text looks on a background with the XYZ color 11.0667, 12.0611, 7.5391.



This preview shows how white text looks on a background with the XYZ color 11.0667, 12.0611,

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

11.0667, 12.0611, 7.5391

Protanopia

11.2059, 11.9948, 7.5190

Deuteranopia

12.1219, 11.9285, 7.6248



Tritanopia

12.4151, 12.0708, 13.9875

Trichromacy



Original Color

11.0667, 12.0611, 7.5391

Protanomaly

11.0891, 11.9346, 7.5135

Deuteranomaly

11.7851, 12.0189, 7.6600

Tritanomaly

11.8815, 11.9868, 11.3603

Monochromacy



Original Color

11.0667, 12.0611, 7.5391

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.1406, 11.8902, 10.7247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0667, 12.0611, 7.5391 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(103, 98, 70)` looks like.

```
.text, #text, p{  
    color:rgb(103, 98, 70)  
}
```

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(103, 98, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 98, 70) }
```

Border

The CSS property to change the border of an element to XYZ 11.0667, 12.0611, 7.5391 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(103, 98, 70) }
```


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

```
.border{ border-color:rgb(103, 98, 70) }
```

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

Here you see how a box with a 4 pixel rgb(103, 98, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 98, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 98, 70);  
box-shadow:4px 4px 4px 4px rgb(103, 98,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0667, 12.0611, 7.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 98, 70) }
```

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

```
.background{ background-color: rgb(103, 98,  
70) }
```

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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