

Converting Colors

XYZ(11.1027, 12.1870, 1.5545)

Have a look what the booklet for
XYZ(11.1027, 12.1870, 1.5545)
contains.

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Color

**XYZ(11.1777, 12.2461,
1.7746)**

Conversions

Conversions Part 1

Format	Color
Hex	716200
RGB	113, 98, 0
RGB Percent	44%, 38%, 0%
CMY	0.5569, 0.6157, 1.0000
CMYK	0.00, 0.13, 1.00, 0.56
HSL	52°, 100%, 22%
HSV	52°, 100%, 44%
XYZ	11.1777, 12.2461, 1.7746
YIQ	91.3130, 40.3980, -27.2980

Conversions

Conversions Part 2

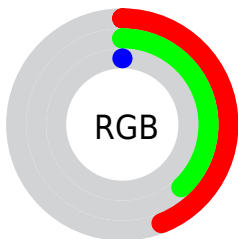
Format	Color
R_YB	17, 113, 0
Decimal	7430656
CIE Lab	41.60, -3.33, 48.61
CIE LCh	42, 48.724, 93.917
Yxy	12.2461, 0.4436, 0.4860
Android (android.graphics.Color)	4285620736 (0xFF716200)
YUV	91.3130, -45.0173, 19.0195
Hunter-Lab	34.9944, -4.2249, 21.4894

Details

The XYZ color **11.1777, 12.2461, 1.7746** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.1515, 1.5339, 15.7525**, and the grayscale version is **10.1087, 10.6352, 11.5817**.

A 20% lighter version of the original color is **27.5278, 29.8204, 8.4427**, and **3.1525, 3.4481, 0.4994** is the 20% darker color. If you saturate the color by 10%, you get **11.1779, 12.2466, 1.7747**, and if you desaturate by 10%, it is **11.3818, 12.5548, 2.1494**.

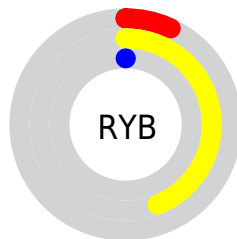
Distribution



Red (44%)

Green (38%)

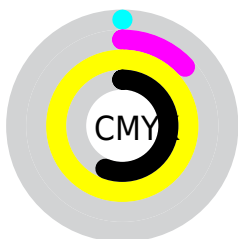
Blue (0%)



Red (7%)

Yellow (44%)

Blue (0%)

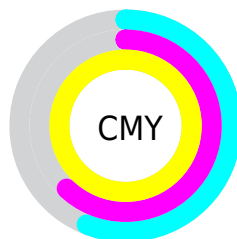


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (56%)



Cyan (56%)


Magenta (62%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 11.1777, 12.2461, 1.7746 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 11.1777, 12.2461, 1.7746 by changing the saturation by 10% instead.


 11.1777, 12.2461,
1.7746


 11.1777, 12.2461,
1.7746


 192.7659,
206.0278, 118.7724


 6.2547, 6.9115,
0.4111


 27.6183, 29.9425,
8.4149


 3.0427, 3.4068,
0.0000

 39.8667, 43.0732,
14.6278


 1.1764, 1.3476,
0.0000

 55.2874, 59.5713,
23.3273

 0.0876, 0.1776,
0.0000

 74.2461, 79.8213,
34.9319


 0.0000, 0.0000,
0.0000


 97.1079, 104.2075,
49.8602


 124.2382,


133.1144, 68.5307


 156.0024,
166.9264, 91.3619


 11.1777, 12.2461,
1.7746


 11.1777, 12.2461,
1.7746


 11.1779, 12.2466,
1.7747

 11.3818, 12.5548,
2.1494

 11.6146, 12.8788,
2.6637

 11.8982, 13.2274,
3.4322

 12.2381, 13.6027,
4.4839

 12.6390, 14.0068,
5.8438

■ 13.1052, 14.4413,
7.5343

■ 13.6406, 14.9078,
9.5756

■ 14.2486, 15.4077,
11.9863

■ 14.9327, 15.9424,
14.7837

Harmonies

Analogous

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



14.9197, 12.2461, 2.3338



11.1777, 12.2461, 1.7746



8.2194, 12.2461, 2.7789

Triad

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



11.1777, 12.2461, 1.7746



6.8290, 12.2461, 27.5552



18.9424, 12.2461, 23.9570

Complementary

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



11.1777, 12.2461, 1.7746



3.1515, 1.5339, 15.7525

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.



15.8970, 12.2461, 37.1486



11.1777, 12.2461, 1.7746



8.8793, 12.2461, 39.8666

Square

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



11.1777, 12.2461, 1.7746



6.0544, 12.2461, 14.7199



12.1140, 12.2461, 44.0581



19.9015, 12.2461, 12.0378

Rectangle

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



11.1777, 12.2461, 1.7746



6.9336, 12.2461, 4.7939



12.1140, 12.2461, 44.0581



18.1019, 12.2461, 28.5528

Sweetspot

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



11.1780, 12.2467, 1.7748



24.3443, 26.6260, 16.8281



6.8967, 3.5454, 0.7754



5.5563, 6.0944, 3.6076



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.



11.1780, 12.2467, 1.7748



19.9494, 21.7960, 3.1556



8.5454, 13.1712, 2.0920



3.6060, 3.8445, 3.6253



12.6697, 13.8718, 2.0098



62.6607, 68.1967, 9.8607

Inverse Universe

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



3.1515, 1.5339, 15.7525



5.5810, 2.6222, 28.1875



3.9126, 1.6728, 15.7392



3.2500, 3.3653, 4.2325



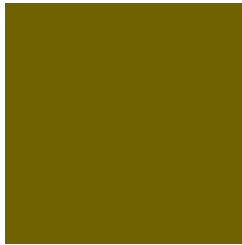
3.5650, 1.7202, 17.8657



17.3816, 7.8151, 88.8715

Previews

White Background



This preview shows how the XYZ color 11.1777, 12.2461, 1.7746 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

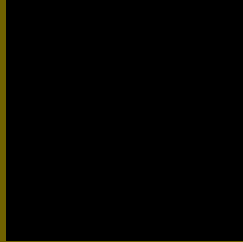
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1777, 12.2461, 1.7746

Background



This preview shows how black text looks on a background with the XYZ color 11.1777, 12.2461, 1.7746.

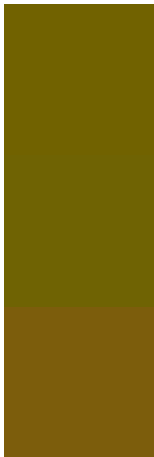


This preview shows how white text looks on a background with the XYZ color 11.1777, 12.2461,

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

11.1777, 12.2461, 1.7746

Protanopia

11.0338, 12.3098, 1.8806

Deuteranopia

12.2929, 12.1403, 2.0432



Tritanopia

13.5534, 12.2860, 13.2124

Trichromacy



Original Color

11.1777, 12.2461, 1.7746

Protanomaly

11.1549, 12.3728, 1.8577

Deuteranomaly

11.8818, 12.1950, 1.9574

Tritanomaly

12.2083, 12.1351, 6.2563

Monochromacy



Original Color

11.1777, 12.2461, 1.7746

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.9120, 10.9635, 5.5967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1777, 12.2461, 1.7746 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(113, 98, 0)` looks like.

```
.text, #text, p{  
    color:rgb(113, 98, 0)  
}
```

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(113, 98, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 98, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.1777, 12.2461, 1.7746 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(113, 98, 0) }
```


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

```
.border{ border-color:rgb(113, 98, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 98, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 98, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 98, 0);  
box-shadow:4px 4px 4px 4px rgb(113, 98, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.1777, 12.2461, 1.7746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 98, 0) }
```

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

```
.background{ background-color: rgb(113, 98,  
0) }
```

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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