

Converting Colors

XYZ(10.2872, 11.2729, 5.7158)

Have a look what the booklet for
XYZ(10.2872, 11.2729, 5.7158)
contains.

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Color

**XYZ(10.3611, 11.3250,
5.7775)**

Conversions

Conversions Part 1

Format	Color
Hex	665F3B
RGB	102, 95, 59
RGB Percent	40%, 37%, 23%
CMY	0.6000, 0.6274, 0.7686
CMYK	0.00, 0.07, 0.42, 0.60
HSL	50°, 27%, 32%
HSV	50°, 42%, 40%
XYZ	10.3611, 11.3250, 5.7775
YIQ	92.9890, 15.7280, -9.7120

Conversions

Conversions Part 2

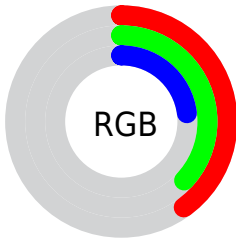
Format	Color
RYB	67, 102, 59
Decimal	6709051
CIELab	40.12, -3.06, 21.61
CIElCh	40, 21.823, 98.053
Yxy	11.3250, 0.3773, 0.4124
Android (android.graphics.Color)	4284899131 (0xFF665F3B)
YUV	92.9890, -16.7566, 7.9026
Hunter-Lab	33.6526, -3.9349, 13.3779

Details

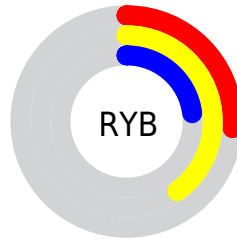
The XYZ color **10.3611, 11.3250, 5.7775** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.1500, 5.7853, 13.3628**, and the grayscale version is **10.4375, 10.9810, 11.9583**.

A 20% lighter version of the original color is **26.1057, 28.1824, 17.9737**, and **2.7132, 3.0183, 0.9298** is the 20% darker color. If you saturate the color by 10%, you get **9.9742, 10.9340, 4.4685**, and if you desaturate by 10%, it is **10.8035, 11.7441, 7.3604**.

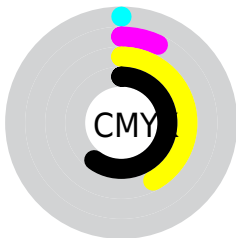
Distribution



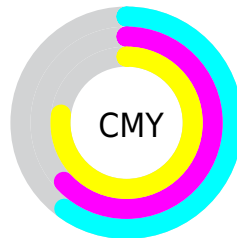
- Red (40%)
- Green (37%)
- Blue (23%)



- Red (26%)
- Yellow (40%)
- Blue (23%)



- Cyan (0%)
- Magenta (7%)
- Yellow (42%)
- Black (60%)



- Cyan (60%)
- Magenta (63%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3611, 11.3250, 5.7775 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 10.3611, 11.3250, 5.7775 by changing the saturation by 10% instead.

10.3611, 11.3250,
5.7775

10.3611, 11.3250,
5.7775

187.2305,
199.8839, 166.3052

5.7031, 6.2859,
2.6437

26.1161, 28.2596,
17.9369

2.7043, 3.0197,
0.9149

37.9438, 40.9239,
27.7996

0.9994, 1.1420,
0.0000

52.8921, 56.8986,
40.7423

0.0000, 0.0136,
0.0000

71.3264, 76.5683,
57.1836

0.0000, 0.0000,
0.0000

93.6120, 100.3173,
77.5420

120.1144,

128.5299, 102.2360

151.1987,
161.5907, 131.6842

■ 10.3611, 11.3250,
5.7775

■ 10.3611, 11.3250,
5.7775

■ 9.9742, 10.9340,
4.4685

■ 10.8035, 11.7441,
7.3604

■ 9.6389, 10.5682,
3.4168

■ 11.3033, 12.1910,
9.2312

■ 9.3521, 10.2269,
2.6050

■ 11.8634, 12.6671,
11.4037

■ 9.1100, 9.9085,
2.0133

■ 12.4863, 13.1735,
13.8907

■ 8.9076, 9.6110,
1.6154

■ 13.1743, 13.7111,
16.7042

■ 8.7598, 9.3854,
1.3499

■ 13.9294, 14.2809,
19.8556

■ 14.7539, 14.8837,
23.3556

■ 15.6497, 15.5204,
27.2147

■ 16.6187, 16.1916,
31.4427

Harmonies

Analogous

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



11.8900, 11.3250, 6.0984



10.3611, 11.3250, 5.7775



9.0664, 11.3250, 6.8589

Triad

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



10.3611, 11.3250, 5.7775



8.6292, 11.3250, 18.2217



13.6986, 11.3250, 15.7195

Complementary

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



10.3611, 11.3250, 5.7775



6.1500, 5.7853, 13.3628

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.



12.6614, 11.3250, 20.1366



10.3611, 11.3250, 5.7775



9.7116, 11.3250, 21.8013

Square

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



10.3611, 11.3250, 5.7775



8.1296, 11.3250, 13.5371



11.1774, 11.3250, 22.5740



13.9139, 11.3250, 11.1987

Rectangle

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



10.3611, 11.3250, 5.7775



8.4765, 11.3250, 8.4222



11.1774, 11.3250, 22.5740



13.4301, 11.3250, 17.2935

Sweetspot

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



10.3614, 11.3255, 5.7777



20.6806, 22.1110, 19.5070



8.0318, 6.3481, 5.9821



4.8393, 5.1831, 4.4474



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.



10.3614, 11.3255, 5.7777



17.4733, 19.1555, 7.7735



9.5338, 11.8769, 5.9278



3.0043, 3.1961, 3.0330



11.2274, 12.0080, 1.7260



58.0203, 61.5544, 8.8232

Inverse Universe

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



6.1500, 5.7853, 13.3628



8.9672, 7.9712, 23.1116



6.7353, 5.5169, 13.2801



2.7255, 2.8290, 3.5344



3.3075, 1.6868, 16.2956



16.8039, 7.9044, 84.8414

Previews

White Background



This preview shows how the XYZ color 10.3611, 11.3250, 5.7775 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 10.3611, 11.3250, 5.7775 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

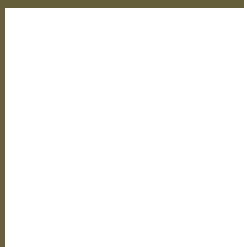
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.3611, 11.3250, 5.7775

Background



This preview shows how black text looks on a background with the XYZ color 10.3611, 11.3250, 5.7775.

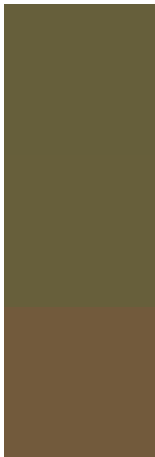


This preview shows how white text looks on a background with the XYZ color 10.3611, 11.3250,

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

10.3611, 11.3250, 5.7775

Protanopia

10.4751, 11.3837, 5.7829

Deuteranopia

11.4112, 11.2160, 5.8384



Tritanopia

11.7577, 11.2396, 12.8590

Trichromacy



Original Color

10.3611, 11.3250, 5.7775

Protanomaly

10.4751, 11.3837, 5.7829

Deuteranomaly

11.0732, 11.2955, 5.8716

Tritanomaly

11.2142, 11.2821, 9.7702

Monochromacy



Original Color

10.3611, 11.3250, 5.7775

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.3118, 11.0863, 9.3810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3611, 11.3250, 5.7775 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, 95, 59)` looks like.

```
.text, #text, p{  
    color:rgb(102, 95, 59)  
}
```

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, 95, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 95, 59) }
```

Border

The CSS property to change the border of an element to XYZ 10.3611, 11.3250, 5.7775 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, 95, 59) }
```


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

```
.border{ border-color:rgb(102, 95, 59) }
```

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

Here you see how a box with a 4 pixel rgb(102, 95, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 95, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 95, 59);  
box-shadow:4px 4px 4px 4px rgb(102, 95,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3611, 11.3250, 5.7775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 95, 59) }
```

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

```
.background{ background-color: rgb(102, 95,  
59) }
```

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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