

Converting Colors

XYZ(10.6606, 11.8323, 2.1375)

Have a look what the booklet for
XYZ(10.6606, 11.8323, 2.1375)
contains.

XYZ(10.6606, 11.8323, 2.1375)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.6606, 11.8323,
2.1375)**

Conversions

Conversions Part 1

Format	Color
Hex	6D610E
RGB	109, 97, 14
RGB Percent	43%, 38%, 5%
CMY	0.5726, 0.6196, 0.9451
CMYK	0.00, 0.11, 0.87, 0.57
HSL	52°, 77%, 24%
HSV	52°, 87%, 43%
XYZ	10.6606, 11.8323, 2.1375
YIQ	91.1260, 33.7950, -23.2690

Conversions

Conversions Part 2

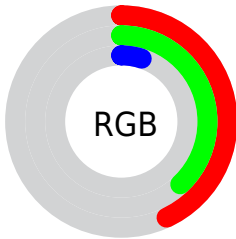
Format	Color
R_{YB}	28, 109, 14
Decimal	7168270
CIE Lab	40.95, -4.34, 44.23
CIE LCh	41, 44.446, 95.600
Yxy	11.8323, 0.4328, 0.4804
Android (android.graphics.Color)	4285358350 (0xFF6D610E)
YUV	91.1260, -38.0231, 15.6755
Hunter-Lab	34.3981, -4.8763, 20.3944

Details

The XYZ color **10.6606, 11.8323, 2.1375** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.3109, 1.9364, 14.6670**, and the grayscale version is **10.0514, 10.5749, 11.5161**.

A 20% lighter version of the original color is **26.5213, 29.0473, 9.3631**, and **2.9287, 3.2672, 0.4763** is the 20% darker color. If you saturate the color by 10%, you get **10.4725, 11.5558, 1.7677**, and if you desaturate by 10%, it is **10.8843, 12.1275, 2.6815**.

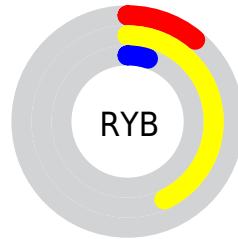
Distribution



Red (43%)

Green (38%)

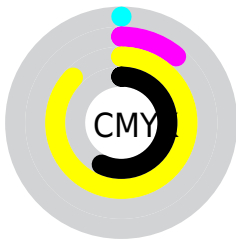
Blue (5%)



Red (11%)

Yellow (43%)

Blue (5%)

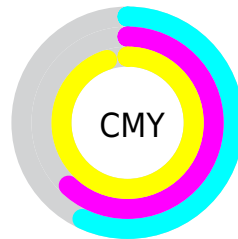


Cyan (0%)

Magenta (11%)

Yellow (87%)

Black (57%)



Cyan (57%)

Magenta (62%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6606, 11.8323, 2.1375 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 10.6606, 11.8323, 2.1375 by changing the saturation by 10% instead.

■ 10.6606, 11.8323,
2.1375

■ 10.6606, 11.8323,
2.1375

189.2808,
203.2919, 124.4766

■ 5.9047, 6.6296,
0.6380

■ 26.6694, 29.1893,
9.4134

■ 2.8273, 3.2315,
0.0000

■ 38.6530, 42.1124,
16.0623

■ 1.0631, 1.2538,
0.0000

■ 53.7765, 58.3777,
25.2765

■ 0.0000, 0.1050,
0.0000

■ 72.4053, 78.3697,
37.4746


■ 0.0000, 0.0000,
0.0000


■ 94.9048, 102.4727,
53.0751


■ 121.6403,


131.0711, 72.4966


 152.9772,
164.5494, 96.1576


 10.6606, 11.8323,
2.1375


 10.6606, 11.8323,
2.1375


 10.4725, 11.5558,
1.7677


 10.8843, 12.1275,
2.6815

 10.4200, 11.4779,
1.6663

 11.1559, 12.4450,
3.4676

 11.4803, 12.7872,
4.5213

 11.8618, 13.1558,
5.8646

 12.3042, 13.5523,
7.5173

■ 12.8109, 13.9782,
9.4975

■ 13.3851, 14.4347,
11.8217

■ 14.0297, 14.9230,
14.5055

■ 14.7475, 15.4443,
17.5635

Harmonies

Analogous

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



13.9634, 11.8323, 2.6160



10.6606, 11.8323, 2.1375



8.0517, 11.8323, 3.2512

Triad

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



10.6606, 11.8323, 2.1375



6.9744, 11.8323, 25.9875



17.7774, 11.8323, 21.5468

Complementary

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



10.6606, 11.8323, 2.1375



3.3109, 1.9364, 14.6670

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.



15.1904, 11.8323, 32.9877



10.6606, 11.8323, 2.1375



8.9066, 11.8323, 36.2873

Square

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



10.6606, 11.8323, 2.1375



6.1962, 11.8323, 14.6671



11.8530, 11.8323, 39.3181



18.4875, 11.8323, 11.2504

Rectangle

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



10.6606, 11.8323, 2.1375



6.9212, 11.8323, 5.3112



11.8530, 11.8323, 39.3181



17.0775, 11.8323, 25.5114

Sweetspot

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



10.6609, 11.8329, 2.1377



22.9821, 25.0646, 17.1731



6.6577, 3.6430, 1.3693



5.2919, 5.7866, 3.7733



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.6609, 11.8329, 2.1377



18.5973, 20.4301, 2.9632



8.3849, 12.4314, 2.3732



3.3022, 3.5216, 3.3231



12.1759, 13.4015, 1.9450



61.6043, 67.4122, 9.7650

Inverse Universe

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



3.3109, 1.9364, 14.6670



5.1596, 2.4108, 26.1006



4.1761, 2.0672, 14.6467



2.9764, 3.0811, 3.8727



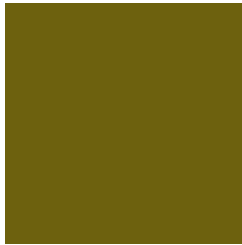
3.3967, 1.6278, 17.0574



16.9386, 7.5558, 86.7919

Previews

White Background



This preview shows how the XYZ color 10.6606, 11.8323, 2.1375 looks on a white background.

Color Contrast Check

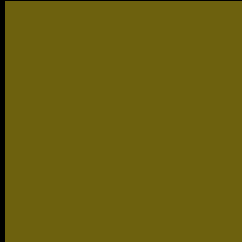
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.6606, 11.8323, 2.1375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

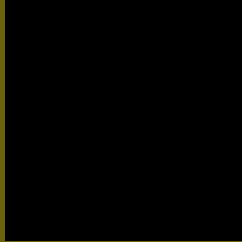
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.6606, 11.8323, 2.1375

Background



This preview shows how black text looks on a background with the XYZ color 10.6606, 11.8323, 2.1375.



This preview shows how white text looks on a background with the XYZ color 10.6606, 11.8323,

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

10.6606, 11.8323, 2.1375

Protanopia

10.6606, 11.8323, 2.1375

Deuteranopia

11.9624, 11.8355, 2.2263



Tritanopia

12.8841, 11.8202, 12.9117

Trichromacy



Original Color

10.6606, 11.8323, 2.1375

Protanomaly

10.6606, 11.8323, 2.1375

Deuteranomaly

11.4400, 11.8278, 2.2104

Tritanomaly

11.7375, 11.7447, 6.9585

Monochromacy



Original Color

10.6606, 11.8323, 2.1375

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.8486, 10.7843, 6.2651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6606, 11.8323, 2.1375 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(109, 97, 14)` looks like.

```
.text, #text, p{  
    color:rgb(109, 97, 14)  
}
```

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(109, 97, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 97, 14) }
```

Border

The CSS property to change the border of an element to XYZ 10.6606, 11.8323, 2.1375 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(109, 97, 14) }
```


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

```
.border{ border-color:rgb(109, 97, 14) }
```

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

Here you see how a box with a 4 pixel rgb(109, 97, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 97, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 97, 14);  
box-shadow:4px 4px 4px 4px rgb(109, 97,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6606, 11.8323, 2.1375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 97, 14) }
```

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

```
.background{ background-color: rgb(109, 97,  
14) }
```

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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