

Converting Colors

XYZ(10.4078, 11.0114, 1.1823)

Have a look what the booklet for
XYZ(10.4078, 11.0114, 1.1823)
contains.

XYZ(10.5092, 11.0990, 1.5884)	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(10.5092, 11.0990,
1.5884)**

Conversions

Conversions Part 1

Format	Color
Hex	705C00
RGB	112, 92, 0
RGB Percent	44%, 36%, 0%
CMY	0.5608, 0.6392, 1.0000
CMYK	0.00, 0.18, 1.00, 0.56
HSL	49°, 100%, 22%
HSV	49°, 100%, 44%
XYZ	10.5092, 11.0990, 1.5884
YIQ	87.4920, 41.4520, -24.3720

Conversions

Conversions Part 2

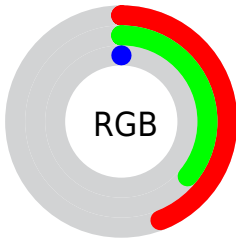
Format	Color
R_{YB}	24, 112, 0
Decimal	7363584
CIE Lab	39.75, -0.30, 47.25
CIE LCh	40, 47.247, 90.369
Yxy	11.0990, 0.4530, 0.4785
Android (android.graphics.Color)	4285553664 (0xFF705C00)
YUV	87.4920, -43.1336, 21.4935
Hunter-Lab	33.3152, -1.9941, 20.4938

Details

The XYZ color **10.5092, 11.0990, 1.5884** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.1748, 1.6702, 15.4841**, and the grayscale version is **9.2500, 9.7317, 10.5978**.

A 20% lighter version of the original color is **26.3479, 27.8569, 7.8591**, and **2.8800, 2.9937, 0.4260** is the 20% darker color. If you saturate the color by 10%, you get **10.5094, 11.0994, 1.5885**, and if you desaturate by 10%, it is **10.7466, 11.4752, 1.9714**.

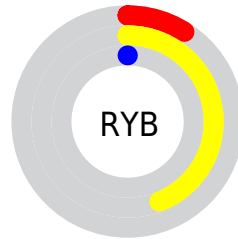
Distribution



Red (44%)

Green (36%)

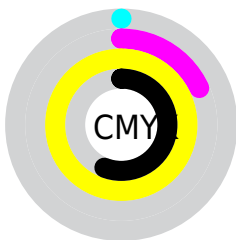
Blue (0%)



Red (9%)

Yellow (44%)

Blue (0%)

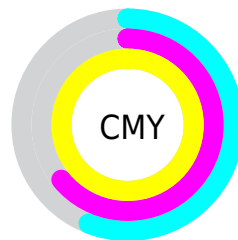


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (56%)



Cyan (56%)


Magenta (64%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.5092, 11.0990, 1.5884 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 10.5092, 11.0990, 1.5884 by changing the saturation by 10% instead.


 10.5092, 11.0990,
1.5884


 10.5092, 11.0990,
1.5884


 188.2474,
198.3455, 115.6172


 5.8027, 6.1335,
0.2825

 26.3900, 27.8431,
7.8815


 2.7650, 2.9264,
0.0000


 38.2951, 40.3904,
13.8538

 1.0307, 1.0934,
0.0000

 53.3303, 56.2338,
22.2681

 0.0000, 0.0000,
0.0000


 71.8611, 75.7577,
33.5428


 94.2529, 99.3464,
48.0966


 120.8710,


127.3843, 66.3479


 152.0807,
160.2559, 88.7152


 10.5092, 11.0990,
1.5884


 10.5092, 11.0990,
1.5884


 10.5094, 11.0994,
1.5885

 10.7466, 11.4752,
1.9714

 11.0139, 11.8704,
2.4903

 11.3329, 12.2937,
3.2592

 11.7092, 12.7474,
4.3061

 12.1474, 13.2333,
5.6558

■ 12.6517, 13.7533,
7.3300

■ 13.2258, 14.3088,
9.3485

■ 13.8733, 14.9014,
11.7296

■ 14.5973, 15.5324,
14.4900

Harmonies

Analogous

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



13.9347, 11.0990, 2.2701



10.5092, 11.0990, 1.5884



7.7055, 11.0990, 2.3080

Triad

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



10.5092, 11.0990, 1.5884



6.0396, 11.0990, 23.5199



16.9355, 11.0990, 23.2111

Complementary

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



10.5092, 11.0990, 1.5884



3.1748, 1.6702, 15.4841

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.



14.0185, 11.0990, 34.9047



10.5092, 11.0990, 1.5884



7.7620, 11.0990, 35.1382

Square

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



10.5092, 11.0990, 1.5884



5.4699, 11.0990, 12.2002



10.5894, 11.0990, 40.1021



18.0757, 11.0990, 11.9704

Rectangle

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



10.5092, 11.0990, 1.5884



6.4457, 11.0990, 3.9092



10.5894, 11.0990, 40.1021



16.1044, 11.0990, 27.3890

Sweetspot

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



10.5094, 11.0995, 1.5886



23.1506, 25.0581, 16.1207



6.8131, 3.4972, 1.0031



5.4802, 5.9422, 3.5823



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.



10.5094, 11.0995, 1.5886



18.3832, 19.3403, 2.7642



8.8172, 13.1467, 2.0729



3.5937, 3.8199, 3.6212



12.1350, 12.8024, 1.8315



59.8814, 62.6381, 8.9343

Inverse Universe

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



3.1748, 1.6702, 15.4841



5.5062, 2.7918, 27.1784



3.6338, 1.5355, 15.4339



3.2614, 3.3880, 4.2363



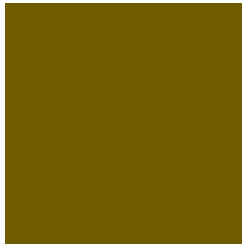
3.6566, 1.9035, 17.8963



17.7493, 8.5506, 88.9941

Previews

White Background



This preview shows how the XYZ color 10.5092, 11.0990, 1.5884 looks on a white background.

Color Contrast Check

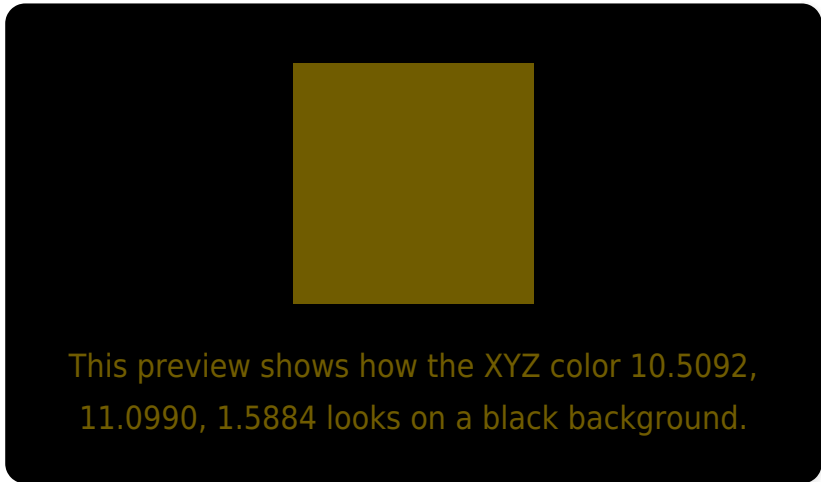
Large Text (above 18pt) WCAG AA ✓ Pass

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

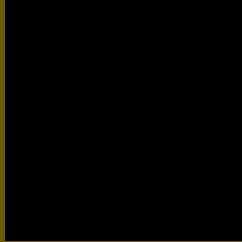
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.5092, 11.0990, 1.5884

Background



This preview shows how black text looks on a background with the XYZ color 10.5092, 11.0990, 1.5884.



This preview shows how white text looks on a background with the XYZ color 10.5092, 11.0990,

1.5884.

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

10.5092, 11.0990, 1.5884

Protanopia

9.9685, 11.0783, 1.7278

Deuteranopia

11.2294, 11.0864, 1.8065



Tritanopia

12.5957, 11.2102, 11.6251

Trichromacy



Original Color

10.5092, 11.0990, 1.5884

Protanomaly

10.1151, 11.0234, 1.6808

Deuteranomaly

10.8915, 11.0385, 1.7289

Tritanomaly

11.3494, 10.9401, 5.6511

Monochromacy



Original Color

10.5092, 11.0990, 1.5884

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.0858, 9.9074, 5.0479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5092, 11.0990, 1.5884 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(112, 92, 0)` looks like.

```
.text, #text, p{  
    color:rgb(112, 92, 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(112, 92, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 92, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.5092, 11.0990, 1.5884 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(112, 92, 0) }
```


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

```
.border{ border-color:rgb(112, 92, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 92, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 92, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 92, 0);  
box-shadow:4px 4px 4px 4px rgb(112, 92, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.5092, 11.0990, 1.5884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 92, 0) }
```

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

```
.background{ background-color: rgb(112, 92,  
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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