

Converting Colors

XYZ(10.9671, 13.7662, 1.2394)

Have a look what the booklet for
XYZ(10.9671, 13.7662, 1.2394)
contains.

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Color

**XYZ(11.1776, 13.8803,
2.0901)**

Conversions

Conversions Part 1

Format	Color
Hex	686D00
RGB	104, 109, 0
RGB Percent	41%, 43%, 0%
CMY	0.5922, 0.5725, 1.0000
CMYK	0.05, 0.00, 1.00, 0.57
HSL	63°, 100%, 21%
HSV	63°, 100%, 43%
XYZ	11.1776, 13.8803, 2.0901
YIQ	95.0790, 32.0090, -34.9590

Conversions

Conversions Part 2

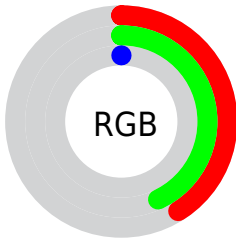
Format	Color
RYB	0, 109, 5
Decimal	6843648
CIELab	44.06, -13.92, 50.00
CIELCh	44, 51.903, 105.552
Yxy	13.8803, 0.4117, 0.5113
Android (android.graphics.Color)	4285033728 (0xFF686D00)
YUV	95.0790, -46.8739, 7.8237
Hunter-Lab	37.2563, -11.6450, 22.7532

Details

The XYZ color **11.1776, 13.8803, 2.0901** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.8233, 1.1367, 14.5394**, and the grayscale version is **11.0002, 11.5731, 12.6031**.

A 20% lighter version of the original color is **27.5137, 32.7476, 9.2857**, and **3.1908, 4.2021, 0.6429** is the 20% darker color. If you saturate the color by 10%, you get **11.1778, 13.8809, 2.0901**, and if you desaturate by 10%, it is **11.2960, 13.9349, 2.4082**.

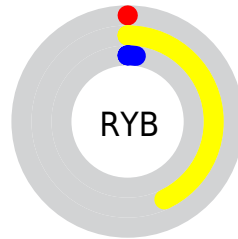
Distribution



Red (41%)

Green (43%)

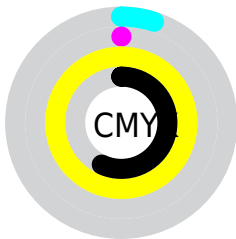
Blue (0%)



Red (0%)

Yellow (43%)

Blue (2%)

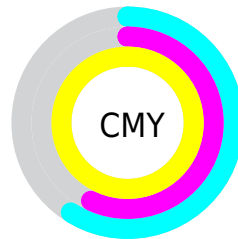


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (59%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1776, 13.8803, 2.0901 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 11.1776, 13.8803, 2.0901 by changing the saturation by 10% instead.

■ 11.1776, 13.8803,
2.0901

■ 11.1776, 13.8803,
2.0901

■ 192.7652,
216.4849, 123.7605

■ 6.2546, 8.0375,
0.6099

■ 27.6182, 32.8765,
9.2857

■ 3.0426, 4.1189,
0.0000

■ 39.8664, 46.7986,
15.8798

■ 1.1763, 1.7403,
0.0000

■ 55.2872, 64.1826,
25.0295

■ 0.0876, 0.4496,
0.0000


■ 74.2457, 85.4130,
37.1533


■ 0.0000, 0.0000,
0.0000


■ 97.1074, 110.8739,
52.6697


■ 124.2377,


140.9500, 71.9974


 156.0018,
176.0255, 95.5548


 11.1776, 13.8803,
2.0901


 11.1776, 13.8803,
2.0901


 11.1778, 13.8809,
2.0901

 11.2960, 13.9349,
2.4082

 11.4377, 13.9984,
2.8485

 11.6241, 14.0797,
3.5226

 11.8603, 14.1810,
4.4567

 12.1505, 14.3040,
5.6736

■ 12.4986, 14.4502,
7.1939

■ 12.9082, 14.6210,
9.0359

■ 13.3825, 14.8177,
11.2167

■ 13.9244, 15.0416,
13.7521

Harmonies

Analogous

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



15.2732, 13.8803, 2.0599



11.1776, 13.8803, 2.0901



8.3002, 13.8803, 4.1317

Triad

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



11.1776, 13.8803, 2.0901



8.3799, 13.8803, 37.8339



22.4652, 13.8803, 21.5217

Complementary

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



11.1776, 13.8803, 2.0901



2.8233, 1.1367, 14.5394

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.



19.7070, 13.8803, 37.2655



11.1776, 13.8803, 2.0901



11.3105, 13.8803, 49.5292

Square

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



11.1776, 13.8803, 2.0901



6.9298, 13.8803, 22.0619



15.4367, 13.8803, 49.2794



22.4088, 13.8803, 9.8024

Rectangle

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



11.1776, 13.8803, 2.0901



7.2075, 13.8803, 7.5243



15.4367, 13.8803, 49.2794



21.8149, 13.8803, 26.6042

Sweetspot

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



11.1779, 13.8809, 2.0904



23.0470, 26.1524, 15.8797



6.3466, 3.3304, 0.3086



5.3076, 6.0627, 3.4439



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.



11.1779, 13.8809, 2.0904



19.9858, 24.8398, 3.7412



6.8278, 11.6384, 1.8868



3.3201, 3.5768, 3.3329



13.0677, 16.2319, 2.4443



66.3807, 82.6026, 12.4453

Inverse Universe

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



2.8233, 1.1367, 14.5394



5.0248, 2.0194, 26.0322



4.5135, 2.0081, 14.6185



2.9601, 3.0312, 3.8639



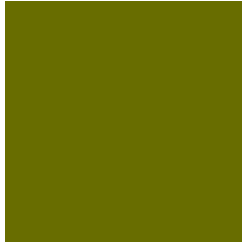
3.2959, 1.3262, 17.0045



16.5921, 6.6531, 86.6359

Previews

White Background



This preview shows how the XYZ color 11.1776, 13.8803, 2.0901 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

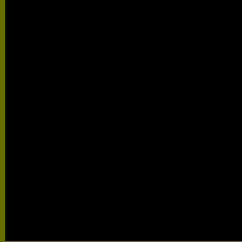
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1776, 13.8803, 2.0901

Background



This preview shows how black text looks on a background with the XYZ color 11.1776, 13.8803, 2.0901.



This preview shows how white text looks on a background with the XYZ color 11.1776, 13.8803,

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

11.1776, 13.8803, 2.0901

Protanopia

12.5228, 13.9547, 2.0335

Deuteranopia

14.0787, 13.8697, 2.4654



Tritanopia

14.0961, 13.8562, 16.3996

Trichromacy



Original Color

11.1776, 13.8803, 2.0901

Protanomaly

11.9641, 13.8188, 2.0367

Deuteranomaly

12.9367, 13.8622, 2.3104

Tritanomaly

12.3312, 13.5815, 7.6018

Monochromacy



Original Color

11.1776, 13.8803, 2.0901

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.4098, 12.0373, 6.0497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1776, 13.8803, 2.0901 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(104, 109, 0)` looks like.

```
.text, #text, p{  
    color:rgb(104, 109, 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(104, 109, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 109, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.1776, 13.8803, 2.0901 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(104, 109, 0) }
```


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

```
.border{ border-color:rgb(104, 109, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 109, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 109, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 109, 0);  
box-shadow:4px 4px 4px 4px rgb(104, 109,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1776, 13.8803, 2.0901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 109, 0) }
```

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

```
.background{ background-color: rgb(104,  
109, 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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