

Converting Colors

XYZ(10.9439, 13.1861, 10.6115)

Have a look what the booklet for
XYZ(10.9439, 13.1861, 10.6115)
contains.

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Color

**XYZ(11.0172, 13.2951,
10.5799)**

Conversions

Conversions Part 1

Format	Color
Hex	596B55
RGB	89, 107, 85
RGB Percent	35%, 42%, 33%
CMY	0.6510, 0.5804, 0.6667
CMYK	0.17, 0.00, 0.21, 0.58
HSL	109°, 11%, 38%
HSV	109°, 21%, 42%
XYZ	11.0172, 13.2951, 10.5799
YIQ	99.1100, -3.6660, -10.6580

Conversions

Conversions Part 2

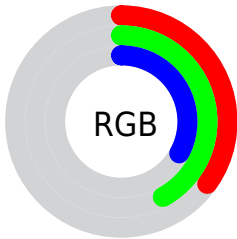
Format	Color
R_{YB}	85, 107, 103
Decimal	5860181
CIE _{Lab}	43.20, -11.40, 10.13
CIE _{LCh}	43, 15.253, 138.384
Yxy	13.2951, 0.3157, 0.3810
Android (android.graphics.Color)	4284050261 (0xFF596B55)
YUV	99.1100, -6.9562, -8.8665
Hunter-Lab	36.4624, -9.8752, 8.3202

Details

The XYZ color **11.0172, 13.2951, 10.5799** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4964, 10.4425, 15.3203**, and the grayscale version is **11.9054, 12.5254, 13.6401**.

A 20% lighter version of the original color is **27.2475, 31.6920, 27.6027**, and **2.9951, 3.8985, 2.6021** is the 20% darker color. If you saturate the color by 10%, you get **9.8332, 12.7306, 8.4708**, and if you desaturate by 10%, it is **12.3662, 13.9380, 13.0329**.

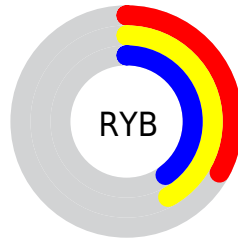
Distribution



Red (35%)

Green (42%)

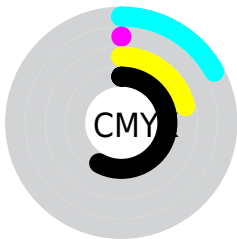
Blue (33%)



Red (33%)

Yellow (42%)

Blue (40%)

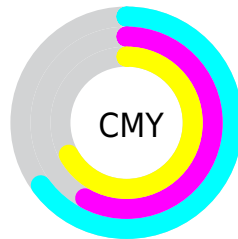


Cyan (17%)

Magenta (0%)

Yellow (21%)

Black (58%)



Cyan (65%)

Magenta (58%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0172, 13.2951, 10.5799 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 11.0172, 13.2951, 10.5799 by changing the saturation by 10% instead.

■ 11.0172, 13.2951,
10.5799

■ 11.0172, 13.2951,
10.5799

191.6914,
212.8004, 205.3952

■ 6.1458, 7.6321,
5.6745

■ 27.3246, 31.8329,
27.5053

■ 2.9754, 3.8604,
2.5826

■ 39.4914, 45.4765,
40.3625

■ 1.1408, 1.5958,
0.8835

■ 54.8206, 62.5491,
56.7073

■ 0.0588, 0.3548,
0.0000

■ 73.6776, 83.4350,
76.9583

■ 0.0000, 0.0000,
0.0000

■ 96.4279, 108.5187,
101.5340

123.4367,

138.1846, 130.8531

155.0694,
172.8170, 165.3339

■ 11.0172, 13.2951,
10.5799

■ 11.0172, 13.2951,
10.5799

■ 9.8332, 12.7306,
8.4708

■ 12.3662, 13.9380,
13.0329

■ 8.8067, 12.2397,
6.6895

■ 13.8852, 14.6605,
15.8433

■ 7.9313, 11.8201,
5.2196

■ 15.5801, 15.4656,
19.0250

■ 7.1997, 11.4682,
4.0434

■ 17.4565, 16.3559,
22.5908

■ 6.6040, 11.1805,
3.1411

■ 19.5195, 17.3338,
26.5529

■ 6.1355, 10.9529,
2.4905

■ 21.7741, 18.4017,
30.9229

■ 5.7844, 10.7809,
2.0661

■ 24.2251, 19.5618,
35.7122

■ 5.5354, 10.6589,
1.7656

■ 26.8773, 20.8163,
40.9314

■ 29.7349, 22.1672,
46.5909

Harmonies

Analogous

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



11.9354, 13.2951, 9.1500



11.0172, 13.2951, 10.5799



10.5446, 13.2951, 13.2084

Triad

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



11.0172, 13.2951, 10.5799



12.1858, 13.2951, 21.8081



14.9111, 13.2951, 12.5245

Complementary

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



11.0172, 13.2951, 10.5799



11.4964, 10.4425, 15.3203

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.



14.9885, 13.2951, 15.8225



11.0172, 13.2951, 10.5799



13.3647, 13.2951, 21.5486

Square

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



11.0172, 13.2951, 10.5799



11.1907, 13.2951, 19.8896



14.4074, 13.2951, 19.2277



14.2020, 13.2951, 10.1465

Rectangle

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



11.0172, 13.2951, 10.5799



10.5249, 13.2951, 15.4430



14.4074, 13.2951, 19.2277



15.0134, 13.2951, 13.5505

Sweetspot

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



11.0176, 13.2957, 10.5802



23.2988, 25.5070, 25.4660



12.5506, 13.4762, 10.5342



5.6101, 6.1599, 6.1099



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.



11.0176, 13.2957, 10.5802



18.6005, 23.2691, 16.9262



10.9347, 13.2194, 12.0932



3.1106, 3.4688, 3.3231



6.7124, 12.9556, 2.1469



33.6522, 65.7305, 10.9136

Inverse Universe

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



11.4964, 10.4425, 15.3203



19.6346, 17.1004, 27.1736



11.6143, 10.5439, 13.4886



3.1663, 3.1375, 3.8736



8.0501, 3.7770, 17.2270



40.3508, 18.9012, 87.7478

Previews

White Background



This preview shows how the XYZ color 11.0172, 13.2951, 10.5799 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 11.0172, 13.2951, 10.5799 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 11.0172, 13.2951, 10.5799

Background



This preview shows how black text looks on a background with the XYZ color 11.0172, 13.2951, 10.5799.

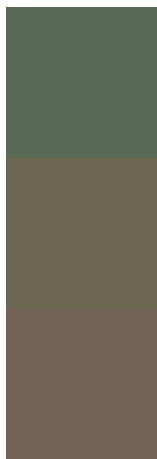


This preview shows how white text looks on a background with the XYZ color 11.0172, 13.2951,

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

11.0172, 13.2951, 10.5799

Protanopia

12.4587, 13.3001, 9.8932

Deuteranopia

13.4241, 13.2054, 10.8582



Tritanopia

12.2891, 13.1975, 17.2289

Trichromacy



Original Color

11.0172, 13.2951, 10.5799

Protanomaly

11.8785, 13.2919, 10.1231

Deuteranomaly

12.3968, 13.1050, 10.6802

Tritanomaly

11.7622, 13.1352, 14.4858

Monochromacy



Original Color

11.0172, 13.2951, 10.5799

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.4911, 12.7438, 12.4438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0172, 13.2951, 10.5799 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(89, 107, 85) looks like.

```
.text, #text, p{  
  color:rgb(89, 107, 85)  
}
```

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(89, 107, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 107, 85) }
```

Border

The CSS property to change the border of an element to XYZ 11.0172, 13.2951, 10.5799 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(89, 107, 85) }
```


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

```
.border{ border-color:rgb(89, 107, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 107, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 107, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 107, 85);  
box-shadow:4px 4px 4px 4px rgb(89, 107,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0172, 13.2951, 10.5799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 107, 85) }
```

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

```
.background{ background-color: rgb(89, 107,  
85) }
```

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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