

Converting Colors

XYZ(11.4758, 13.8491, 11.9041)

Have a look what the booklet for
XYZ(11.4758, 13.8491, 11.9041)
contains.

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Color

**XYZ(11.4768, 13.8165,
11.9595)**

Conversions

Conversions Part 1

Format	Color
Hex	596D5B
RGB	89, 109, 91
RGB Percent	35%, 43%, 36%
CMY	0.6510, 0.5725, 0.6431
CMYK	0.18, 0.00, 0.17, 0.57
HSL	126°, 10%, 39%
HSV	126°, 18%, 43%
XYZ	11.4768, 13.8165, 11.9595
YIQ	100.9680, -6.1420, -9.8380

Conversions

Conversions Part 2

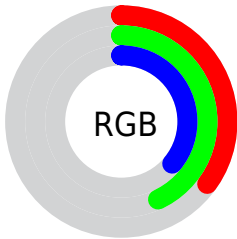
Format	Color
R _Y B	89, 107, 109
Decimal	5860699
CIE Lab	43.97, -11.35, 7.61
CIE LCh	44, 13.669, 146.155
Yxy	13.8165, 0.3081, 0.3709
Android (android.graphics.Color)	4284050779 (0xFF596D5B)
YUV	100.9680, -4.9142, -10.4959
Hunter-Lab	37.1706, -9.9347, 6.9430

Details

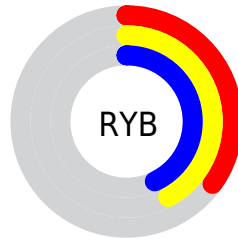
The XYZ color **11.4768, 13.8165, 11.9595** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.5334, 11.4578, 15.4615**, and the grayscale version is **12.3751, 13.0196, 14.1783**.

A 20% lighter version of the original color is **28.2000, 32.9018, 30.0637**, and **3.1387, 4.0405, 3.0971** is the 20% darker color. If you saturate the color by 10%, you get **10.1114, 13.1588, 9.8291**, and if you desaturate by 10%, it is **13.0532, 14.5774, 14.3892**.

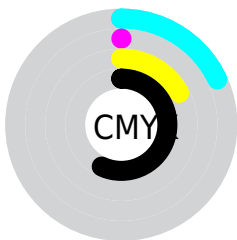
Distribution



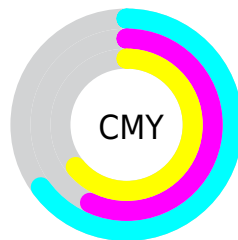
- Red (35%)
- Green (43%)
- Blue (36%)



- Red (35%)
- Yellow (42%)
- Blue (43%)



- Cyan (18%)
- Magenta (0%)
- Yellow (17%)
- Black (57%)



- Cyan (65%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4768, 13.8165, 11.9595 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 11.4768, 13.8165, 11.9595 by changing the saturation by 10% instead.

■ 11.4768, 13.8165,
11.9595

■ 11.4768, 13.8165,
11.9595

194.7516,
216.0863, 215.1054

■ 6.4581, 7.9931,
6.5939

■ 28.1637, 32.7631,
30.0846

■ 3.1689, 4.0906,
3.1349

■ 40.5628, 46.6551,
43.6812

■ 1.2437, 1.7244,
1.1639

■ 56.1526, 64.0055,
60.8586

■ 0.1405, 0.4393,
0.0000

■ 75.2986, 85.1986,
82.0352

■ 0.0000, 0.0000,
0.0000

■ 98.3661, 110.6188,
107.6296

125.7206,

140.6506, 138.0605

157.7273,
175.6783, 173.7462

■ 11.4768, 13.8165,
11.9595

■ 11.4768, 13.8165,
11.9595

■ 10.1114, 13.1588,
9.8291

■ 13.0532, 14.5774,
14.3892

■ 8.9470, 12.5981,
7.9856

■ 14.8479, 15.4439,
17.1282

■ 7.9744, 12.1304,
6.4170

■ 16.8691, 16.4202,
20.1872

■ 7.1832, 11.7506,
5.1101

■ 19.1245, 17.5102,
23.5760

■ 6.5622, 11.4533,
4.0507

■ 21.6211, 18.7174,
27.3041

■ 6.0988, 11.2322,
3.2231

■ 24.3659, 20.0450,
31.3806

■ 5.7785, 11.0804,
2.6100

■ 27.3654, 21.4963,
35.8142

■ 5.5610, 10.9773,
2.1905

■ 30.6261, 23.0743,
40.6133

■ 5.5288, 10.9618,
2.1381

■ 34.1539, 24.7822,
45.7861

Harmonies

Analogous

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



12.2351, 13.8165, 10.2987



11.4768, 13.8165, 11.9595



11.1613, 13.8165, 14.6472

Triad

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



11.4768, 13.8165, 11.9595



12.9929, 13.8165, 21.8164



15.0923, 13.8165, 12.5642

Complementary

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



11.4768, 13.8165, 11.9595



12.5334, 11.4578, 15.4615

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.



15.3223, 13.8165, 15.4475



11.4768, 13.8165, 11.9595



14.0720, 13.8165, 21.0599

Square

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



11.4768, 13.8165, 11.9595



12.0057, 13.8165, 20.5631



14.9395, 13.8165, 18.6175



14.3270, 13.8165, 10.6127

Rectangle

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



11.4768, 13.8165, 11.9595



11.2311, 13.8165, 16.7656



14.9395, 13.8165, 18.6175



15.2365, 13.8165, 13.4441

Sweetspot

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



11.4772, 13.8171, 11.9598



24.0404, 26.4241, 26.7878



13.3358, 14.7851, 11.6022



5.5629, 6.1339, 6.1855



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.



11.4772, 13.8171, 11.9598



19.4637, 24.2163, 19.7254



11.9379, 14.0014, 14.3857



3.0752, 3.4493, 3.3797



6.4610, 12.8185, 2.4730



32.7619, 65.2518, 11.7589

Inverse Universe

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



12.5334, 11.4578, 15.4615



21.7280, 19.1580, 27.2316



12.0372, 11.2593, 12.8484



3.2052, 3.1589, 3.8107



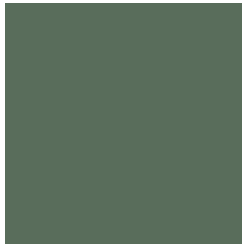
9.9556, 4.8344, 13.9267



50.5467, 24.5606, 70.0069

Previews

White Background



This preview shows how the XYZ color 11.4768, 13.8165, 11.9595 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 11.4768, 13.8165, 11.9595 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 11.4768, 13.8165, 11.9595

Background



This preview shows how black text looks on a background with the XYZ color 11.4768, 13.8165, 11.9595.



This preview shows how white text looks on a background with the XYZ color 11.4768, 13.8165,

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

11.4768, 13.8165, 11.9595

Protanopia

12.9184, 13.6563, 11.1876

Deuteranopia

14.0042, 13.7562, 12.2730



Tritanopia

12.7055, 13.8501, 17.9233

Trichromacy



Original Color

11.4768, 13.8165, 11.9595

Protanomaly

12.3342, 13.6492, 11.4357

Deuteranomaly

12.8454, 13.5990, 12.0731

Tritanomaly

12.2728, 13.8313, 15.6585

Monochromacy



Original Color

11.4768, 13.8165, 11.9595

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.0377, 13.3051, 13.2429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4768, 13.8165, 11.9595 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, 109, 91) looks like.

```
.text, #text, p{  
    color:rgb(89, 109, 91)  
}
```

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, 109, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 109, 91) }
```

Border

The CSS property to change the border of an element to XYZ 11.4768, 13.8165, 11.9595 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, 109, 91) }
```


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

```
.border{ border-color:rgb(89, 109, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 109, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 109, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 109, 91);  
box-shadow:4px 4px 4px 4px rgb(89, 109,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4768, 13.8165, 11.9595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 109, 91) }
```

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

```
.background{ background-color: rgb(89, 109,  
91) }
```

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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