

Converting Colors

XYZ(13.8696, 13.5843, 16.1569)

Have a look what the booklet for
XYZ(13.8696, 13.5843, 16.1569)
contains.

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Color

**XYZ(13.8195, 13.5766,
16.0795)**

Conversions

Conversions Part 1

Format	Color
Hex	6F646C
RGB	111, 100, 108
RGB Percent	44%, 39%, 42%
CMY	0.5647, 0.6078, 0.5765
CMYK	0.00, 0.10, 0.03, 0.56
HSL	316°, 5%, 41%
HSV	316°, 10%, 44%
XYZ	13.8195, 13.5766, 16.0795
YIQ	104.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

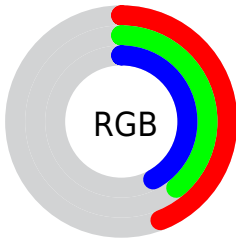
Format	Color
R _Y B	111, 100, 108
Decimal	7300204
CIE Lab	43.62, 5.94, -2.92
CIE LCh	44, 6.618, 333.798
Yxy	13.5766, 0.3179, 0.3123
Android (android.graphics.Color)	4285490284 (0xFF6F646C)
YUV	104.2010, 1.8729, 5.9627
Hunter-Lab	36.8464, 2.4663, -0.0812

Details

The XYZ color **13.8195, 13.5766, 16.0795** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3887, 15.0579, 15.0336**, and the grayscale version is **13.2067, 13.8945, 15.1311**.

A 20% lighter version of the original color is **32.4289, 32.4230, 37.3500**, and **4.1653, 3.9399, 4.9558** is the 20% darker color. If you saturate the color by 10%, you get **12.6683, 11.5275, 14.9146**, and if you desaturate by 10%, it is **15.1221, 15.9193, 17.3229**.

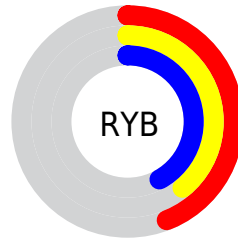
Distribution



Red (44%)

Green (39%)

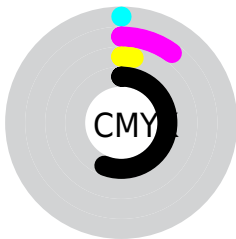
Blue (42%)



Red (44%)

Yellow (39%)

Blue (42%)

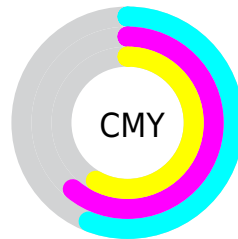


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (56%)



Cyan (56%)

Magenta (61%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8195, 13.5766, 16.0795 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 13.8195, 13.5766, 16.0795 by changing the saturation by 10% instead.

■ 13.8195, 13.5766,
16.0795

■ 13.8195, 13.5766,
16.0795

209.6382,
214.5807, 241.6721

■ 8.0761, 7.8268,
9.4255

■ 32.3574, 32.3359,
37.5049

■ 4.1959, 3.9843,
4.9191

■ 45.8825, 46.1141,
53.1133

■ 1.8135, 1.6648,
2.1420

■ 62.7323, 63.3372,
72.5436

■ 0.5258, 0.4007,
0.6406

■ 83.2721, 84.3897,
96.2143

■ 0.0000, 0.0000,
0.0000

107.8672,
109.6559, 124.5440

136.8830,

139.5202, 157.9511

170.6849,
174.3670, 196.8543

■ 13.8195, 13.5766,
16.0795

■ 13.8195, 13.5766,
16.0795

■ 12.6683, 11.5275,
14.9146

■ 15.1221, 15.9193,
17.3229

■ 11.6616, 9.7586,
13.8249

■ 16.5806, 18.5647,
18.6459

■ 10.7933, 8.2579,
12.8085

■ 18.2006, 21.5241,
20.0510

■ 10.0568, 7.0120,
11.8629

■ 19.9871, 24.8073,
21.5400

■ 9.4448, 6.0064,
10.9851

■ 21.9449, 28.4237,
23.1148

8.9491, 5.2251,
10.1724

24.0786, 32.3826,
24.7772

8.5607, 4.6499,
9.4213

26.3926, 36.6927,
26.5288

8.2691, 4.2602,
8.7281

28.8912, 41.3624,
28.3715

8.0325, 3.9721,
8.0786

31.5786, 46.3999,
30.3067

Harmonies

Analogous

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



13.4667, 13.5766, 17.2845



13.8195, 13.5766, 16.0795



13.9247, 13.5766, 14.5943

Triad

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



13.8195, 13.5766, 16.0795



12.8382, 13.5766, 12.1127



12.0933, 13.5766, 16.4284

Complementary

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



13.8195, 13.5766, 16.0795



13.3887, 15.0579, 15.0336

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.



11.9347, 13.5766, 14.9725



13.8195, 13.5766, 16.0795



12.3575, 13.5766, 12.5346

Square

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



13.8195, 13.5766, 16.0795



13.3494, 13.5766, 12.3659



12.0301, 13.5766, 13.5574



12.4689, 13.5766, 17.4953

Rectangle

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



13.8195, 13.5766, 16.0795



13.8380, 13.5766, 13.6602



12.0301, 13.5766, 13.5574



12.0133, 13.5766, 15.9649

Sweetspot

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



13.8199, 13.5772, 16.0798



26.3085, 27.1168, 30.2974



13.0129, 13.1424, 16.8900



6.2803, 6.4423, 7.2407



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.



13.8199, 13.5772, 16.0798



24.2234, 23.3769, 28.2759



13.5397, 13.4651, 14.6043



3.4775, 3.4387, 4.0410



9.4516, 4.6730, 9.4541



46.7068, 23.1280, 45.1157

Inverse Universe

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



13.8199, 13.5772, 16.0798



24.2234, 23.3769, 28.2759



13.6703, 15.1705, 16.5166



3.4775, 3.4387, 4.0410



9.4516, 4.6730, 9.4541



46.7068, 23.1280, 45.1157

Previews

White Background



This preview shows how the XYZ color 13.8195, 13.5766, 16.0795 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 13.8195, 13.5766, 16.0795 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 13.8195, 13.5766, 16.0795

Background



This preview shows how black text looks on a background with the XYZ color 13.8195, 13.5766, 16.0795.



This preview shows how white text looks on a background with the XYZ color 13.8195, 13.5766,

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

13.8195, 13.5766, 16.0795

Protanopia

13.1594, 13.5121, 16.6664

Deuteranopia

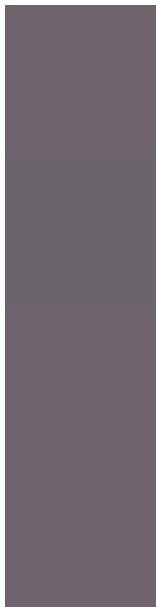
13.8195, 13.5766, 16.0795



Tritanopia

13.8195, 13.5766, 16.0795

Trichromacy



Original Color

13.8195, 13.5766, 16.0795

Protanomaly

13.3579, 13.4757, 16.3650

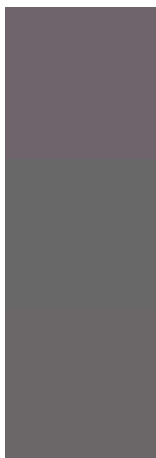
Deuteranomaly

13.8195, 13.5766, 16.0795

Tritanomaly

13.8195, 13.5766, 16.0795

Monochromacy



Original Color

13.8195, 13.5766, 16.0795

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.4635, 13.8462, 15.3276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8195, 13.5766, 16.0795 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(111, 100, 108)` looks like.

```
.text, #text, p{  
    color:rgb(111, 100, 108)  
}
```

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(111, 100, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 100, 108) }
```

Border

The CSS property to change the border of an element to XYZ 13.8195, 13.5766, 16.0795 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(111, 100, 108) }
```


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

```
.border{ border-color:rgb(111, 100, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 100, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 100, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 100, 108);  
box-shadow:4px 4px 4px 4px rgb(111, 100,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8195, 13.5766, 16.0795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 100, 108) }
```

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

```
.background{ background-color: rgb(111,  
100, 108) }
```

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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