

Converting Colors

XYZ(13.5454, 12.9663, 14.9714)

Have a look what the booklet for
XYZ(13.5454, 12.9663, 14.9714)
contains.

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Color

**XYZ(13.4916, 12.8759,
14.8709)**

Conversions

Conversions Part 1

Format	Color
Hex	716068
RGB	113, 96, 104
RGB Percent	44%, 38%, 41%
CMY	0.5569, 0.6235, 0.5922
CMYK	0.00, 0.15, 0.08, 0.56
HSL	332°, 8%, 41%
HSV	332°, 15%, 44%
XYZ	13.4916, 12.8759, 14.8709
YIQ	101.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

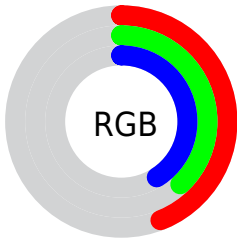
Format	Color
R_{YB}	113, 96, 104
Decimal	7430248
CIE _{Lab}	42.58, 8.34, -2.00
CIE _{LCh}	43, 8.579, 346.491
Yxy	12.8759, 0.3272, 0.3122
Android (android.graphics.Color)	4285620328 (0xFF716068)
YUV	101.9950, 0.9885, 9.6514
Hunter-Lab	35.8830, 4.3187, 0.5467

Details

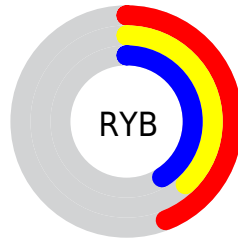
The XYZ color **13.4916, 12.8759, 14.8709** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.2793, 15.3173, 15.6220**, and the grayscale version is **12.6244, 13.2818, 14.4639**.

A 20% lighter version of the original color is **31.8672, 31.2333, 35.3594**, and **4.0591, 3.7004, 4.3712** is the 20% darker color. If you saturate the color by 10%, you get **12.2407, 10.8432, 13.0074**, and if you desaturate by 10%, it is **14.9130, 15.2148, 16.8980**.

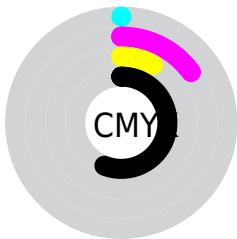
Distribution



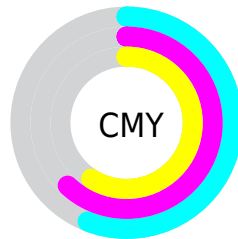
- Red (44%)
- Green (38%)
- Blue (41%)



- Red (44%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (56%)



- Cyan (56%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4916, 12.8759, 14.8709 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 13.4916, 12.8759, 14.8709 by changing the saturation by 10% instead.

■ 13.4916, 12.8759,
14.8709

■ 13.4916, 12.8759,
14.8709

207.6192,
210.1208, 234.1973

■ 7.8473, 7.3431,
8.5832

■ 31.7780, 31.0807,
35.3656

■ 4.0483, 3.6776,
4.3773

■ 45.1508, 44.5214,
50.4098

■ 1.7295, 1.4949,
1.8345

■ 61.8305, 61.3670,
69.2098

■ 0.4746, 0.2851,
0.4506

■ 82.1824, 82.0018,
92.1843

■ 0.0000, 0.0000,
0.0000

106.5719,
106.8102, 119.7517

135.3642,

136.1765, 152.3307

168.9249,
170.4853, 190.3397

■ 13.4916, 12.8759,
14.8709

■ 13.4916, 12.8759,
14.8709

■ 12.2407, 10.8432,
13.0074

■ 14.9130, 15.2148,
16.8980

■ 11.1525, 9.1022,
11.3022

■ 16.5102, 17.8702,
19.0920

■ 10.2201, 7.6399,
9.7509

■ 18.2896, 20.8541,
21.4574

■ 9.4358, 6.4414,
8.3486

■ 20.2568, 24.1771,
23.9980

■ 8.7912, 5.4906,
7.0901

■ 22.4174, 27.8497,
26.7176

■ 8.2767, 4.7695,
5.9696

■ 24.7766, 31.8817,
29.6199

■ 7.8818, 4.2577,
4.9810

■ 27.3393, 36.2825,
32.7084

■ 7.5881, 3.9192,
4.1154

■ 30.1106, 41.0613,
35.9866

■ 7.4566, 3.7694,
3.7232

■ 33.0950, 46.2268,
39.4578

Harmonies

Analogous

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



13.1654, 12.8759, 16.6259



13.4916, 12.8759, 14.8709



13.4737, 12.8759, 13.0298

Triad

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



13.4916, 12.8759, 14.8709



11.8875, 12.8759, 10.8655



11.3993, 12.8759, 16.7736

Complementary

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



13.4916, 12.8759, 14.8709



13.2793, 15.3173, 15.6220

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.



11.0806, 12.8759, 15.0584



13.4916, 12.8759, 14.8709



11.3555, 12.8759, 11.7011

Square

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



13.4916, 12.8759, 14.8709



12.5319, 12.8759, 10.8249



11.0649, 12.8759, 13.2016



11.9491, 12.8759, 17.7882

Rectangle

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



13.4916, 12.8759, 14.8709



13.2687, 12.8759, 12.0006



11.0649, 12.8759, 13.2016



11.2624, 12.8759, 16.2534

Sweetspot

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



13.4920, 12.8765, 14.8712



26.6796, 27.2038, 30.2241



12.9643, 12.5487, 17.3618



6.1367, 6.2362, 6.9431



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.



13.4920, 12.8765, 14.8712



23.3553, 21.7448, 25.4490



13.1306, 12.7733, 12.8404



3.4437, 3.4252, 3.8634



8.4484, 4.2717, 4.1712



41.6561, 21.1078, 18.5192

Inverse Universe

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



13.4920, 12.8765, 14.8712



23.3553, 21.7448, 25.4490



13.6785, 15.4265, 17.8796



3.4437, 3.4252, 3.8634



8.4484, 4.2717, 4.1712



41.6561, 21.1078, 18.5192

Previews

White Background



This preview shows how the XYZ color 13.4916, 12.8759, 14.8709 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 13.4916, 12.8759, 14.8709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

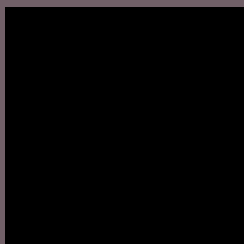
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.4916, 12.8759, 14.8709

Background



This preview shows how black text looks on a background with the XYZ color 13.4916, 12.8759, 14.8709.



This preview shows how white text looks on a background with the XYZ color 13.4916, 12.8759,

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

13.4916, 12.8759, 14.8709

Protanopia

12.5255, 12.9217, 15.4696

Deuteranopia

13.1730, 12.9861, 14.9090



Tritanopia

13.4916, 12.8759, 14.8709

Trichromacy



Original Color

13.4916, 12.8759, 14.8709

Protanomaly

12.8373, 12.9469, 15.1870

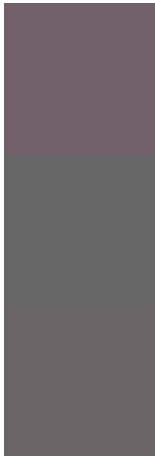
Deuteranomaly

13.2038, 12.8639, 14.8838

Tritanomaly

13.4916, 12.8759, 14.8709

Monochromacy



Original Color

13.4916, 12.8759, 14.8709

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.9492, 13.1578, 14.6892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4916, 12.8759, 14.8709 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(113, 96, 104)` looks like.

```
.text, #text, p{  
    color:rgb(113, 96, 104)  
}
```

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(113, 96, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 96, 104) }
```

Border

The CSS property to change the border of an element to XYZ 13.4916, 12.8759, 14.8709 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(113, 96, 104) }
```


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

```
.border{ border-color:rgb(113, 96, 104) }
```

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

Here you see how a box with a 4 pixel rgb(113, 96, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 96, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 96, 104);  
box-shadow:4px 4px 4px 4px rgb(113, 96,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4916, 12.8759, 14.8709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 96, 104) }
```

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

```
.background{ background-color: rgb(113, 96,  
104) }
```

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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