

Converting Colors

XYZ(14.9089, 16.8524, 16.5723)

Have a look what the booklet for
XYZ(14.9089, 16.8524, 16.5723)
contains.

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Color

**XYZ(14.8938, 16.8085,
16.6467)**

Conversions

Conversions Part 1

Format	Color
Hex	69756C
RGB	105, 117, 108
RGB Percent	41%, 46%, 42%
CMY	0.5882, 0.5412, 0.5765
CMYK	0.10, 0.00, 0.08, 0.54
HSL	135°, 5%, 44%
HSV	135°, 10%, 46%
XYZ	14.8938, 16.8085, 16.6467
YIQ	112.3860, -4.2630, -5.3430

Conversions

Conversions Part 2

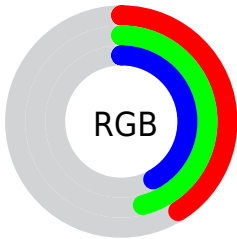
Format	Color
R_{YB}	105, 115, 117
Decimal	6911340
CIE Lab	48.02, -6.38, 3.43
CIE LCh	48, 7.242, 151.707
Yxy	16.8085, 0.3080, 0.3476
Android (android.graphics.Color)	4285101420 (0xFF69756C)
YUV	112.3860, -2.1623, -6.4775
Hunter-Lab	40.9982, -6.9014, 4.6249

Details

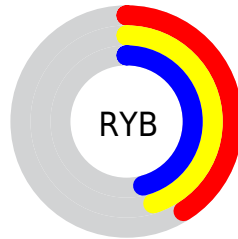
The XYZ color **14.8938, 16.8085, 16.6467** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.4256, 15.1005, 18.0222**, and the grayscale version is **15.5220, 16.3303, 17.7837**.

A 20% lighter version of the original color is **34.1563, 37.9471, 38.3252**, and **4.7153, 5.4927, 5.2266** is the 20% darker color. If you saturate the color by 10%, you get **13.1692, 15.9712, 14.2494**, and if you desaturate by 10%, it is **16.8555, 17.7635, 19.3013**.

Distribution



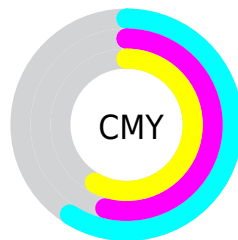
- Red (41%)
- Green (46%)
- Blue (42%)



- Red (41%)
- Yellow (45%)
- Blue (46%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (54%)



- Cyan (59%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8938, 16.8085, 16.6467 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 14.8938, 16.8085, 16.6467 by changing the saturation by 10% instead.

■ 14.8938, 16.8085,
16.6467

■ 14.8938, 16.8085,
16.6467

216.1237,
234.0664, 245.1027

■ 8.8307, 10.0981,
9.8236

■ 34.2400, 37.9962,
38.4996

■ 4.6872, 5.4640,
5.1781

■ 48.2537, 53.2423,
54.3665

■ 2.0978, 2.5220,
2.2916

■ 65.6485, 72.1024,
74.0852

■ 0.6880, 0.8876,
0.7265

■ 86.7895, 94.9608,
98.0740

■ 0.0000, 0.0000,
0.0000

112.0422,
122.2020, 126.7517

141.7718,

154.2105, 160.5367

176.3439,
191.3704, 199.8475

■ 14.8938, 16.8085,
16.6467

■ 14.8938, 16.8085,
16.6467

■ 13.1692, 15.9712,
14.2494

■ 16.8555, 17.7635,
19.3013

■ 11.6713, 15.2450,
12.1007

■ 19.0614, 18.8384,
22.2193

■ 10.3908, 14.6258,
10.1928

■ 21.5201, 20.0379,
25.4083

■ 9.3173, 14.1084,
8.5174

■ 24.2394, 21.3659,
28.8749

■ 8.4398, 13.6872,
7.0655

■ 27.2268, 22.8260,
32.6257

■ 7.7458, 13.3561,
5.8275

■ 30.4892, 24.4218,
36.6670

■ 7.2216, 13.1082,
4.7934

■ 34.0337, 26.1566,
41.0049

■ 6.8514, 12.9356,
3.9519

■ 37.8667, 28.0339,
45.6454

■ 6.5863, 12.8130,
3.3041

■ 41.9946, 30.0567,
50.5940

Harmonies

Analogous

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



15.3240, 16.8085, 15.4048



14.8938, 16.8085, 16.6467



14.7514, 16.8085, 18.4091

Triad

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



14.8938, 16.8085, 16.6467



16.0135, 16.8085, 22.1437



17.0701, 16.8085, 16.4728

Complementary

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



14.8938, 16.8085, 16.6467



15.4256, 15.1005, 18.0222

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.



17.2665, 16.8085, 18.1945



14.8938, 16.8085, 16.6467



16.6462, 16.8085, 21.5405

Square

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



14.8938, 16.8085, 16.6467



15.3872, 16.8085, 21.6604



17.1093, 16.8085, 20.0627



16.5796, 16.8085, 15.3093

Rectangle

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



14.8938, 16.8085, 16.6467



14.8356, 16.8085, 19.6666



17.1093, 16.8085, 20.0627



17.1733, 16.8085, 17.0013

Sweetspot

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



14.8943, 16.8092, 16.6471



29.1477, 31.3044, 33.1736



15.8772, 17.3341, 15.8740



6.6431, 7.1689, 7.5484



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.8943, 16.8092, 16.6471



26.0020, 29.7743, 28.8903



15.2135, 16.9369, 18.3279



3.6747, 4.1118, 4.1210



7.2507, 14.1143, 3.6103



35.0366, 68.6619, 16.0295

Inverse Universe

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



15.4256, 15.1005, 18.0222



27.1286, 26.1511, 31.8059



15.1057, 14.9726, 16.3376



3.7894, 3.7430, 4.4178



10.0063, 4.9362, 10.5071



48.4059, 23.9125, 49.3285

Previews

White Background



This preview shows how the XYZ color 14.8938, 16.8085, 16.6467 looks on a white background.

Color Contrast Check

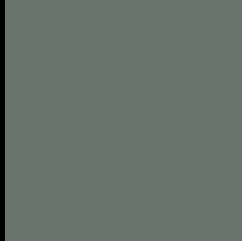
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8938, 16.8085, 16.6467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

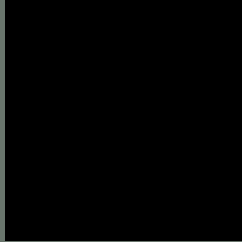
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8938, 16.8085, 16.6467

Background



This preview shows how black text looks on a background with the XYZ color 14.8938, 16.8085, 16.6467.



This preview shows how white text looks on a background with the XYZ color 14.8938, 16.8085,

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

14.8938, 16.8085, 16.6467

Protanopia

15.9779, 16.7024, 16.0174

Deuteranopia

16.9404, 16.6916, 16.7969



Tritanopia

15.9532, 16.9048, 21.4909

Trichromacy



Original Color

14.8938, 16.8085, 16.6467

Protanomaly

15.4812, 16.6069, 16.2994

Deuteranomaly

16.1367, 16.7659, 16.8537

Tritanomaly

15.5788, 16.9246, 19.5852

Monochromacy



Original Color

14.8938, 16.8085, 16.6467

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1932, 16.4335, 17.4101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8938, 16.8085, 16.6467 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(105, 117, 108)` looks like.

```
.text, #text, p{  
    color:rgb(105, 117, 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(105, 117, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 117, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.8938, 16.8085, 16.6467 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(105, 117, 108) }
```


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

```
.border{ border-color:rgb(105, 117, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 117, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 117, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 117, 108);  
box-shadow:4px 4px 4px 4px rgb(105, 117,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8938, 16.8085, 16.6467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 117, 108) }
```

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

```
.background{ background-color: rgb(105,  
117, 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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