

Converting Colors

XYZ(14.8131, 16.3854, 16.4359)

Have a look what the booklet for
XYZ(14.8131, 16.3854, 16.4359)
contains.

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Color

**XYZ(14.9009, 16.4700,
16.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	6B736C
RGB	107, 115, 108
RGB Percent	42%, 45%, 42%
CMY	0.5804, 0.5490, 0.5765
CMYK	0.07, 0.00, 0.06, 0.55
HSL	127°, 4%, 44%
HSV	127°, 7%, 45%
XYZ	14.9009, 16.4700, 16.5810
YIQ	111.8100, -2.5210, -3.8730

Conversions

Conversions Part 2

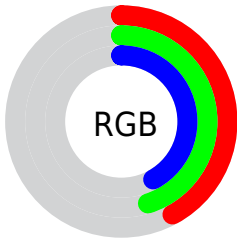
Format	Color
R_{YB}	107, 114, 115
Decimal	7041900
CIE _{Lab}	47.59, -4.47, 2.83
CIE _{LCh}	48, 5.288, 147.679
Yxy	16.4700, 0.3107, 0.3435
Android (android.graphics.Color)	4285231980 (0xFF6B736C)
YUV	111.8100, -1.8783, -4.2184
Hunter-Lab	40.5832, -5.4811, 4.1843

Details

The XYZ color **14.9009, 16.4700, 16.5810** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3658, 15.3755, 18.0783**, and the grayscale version is **15.3517, 16.1511, 17.5886**.

A 20% lighter version of the original color is **34.1773, 37.4097, 38.2204**, and **4.7129, 5.3119, 5.1918** is the 20% darker color. If you saturate the color by 10%, you get **13.1042, 15.6026, 13.8609**, and if you desaturate by 10%, it is **16.9443, 17.4584, 19.6361**.

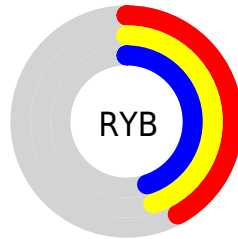
Distribution



Red (42%)

Green (45%)

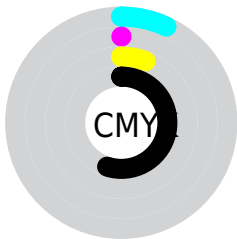
Blue (42%)



Red (42%)

Yellow (45%)

Blue (45%)

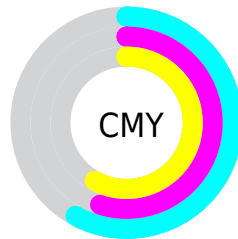


Cyan (7%)

Magenta (0%)

Yellow (6%)

Black (55%)



Cyan (58%)

Magenta (55%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9009, 16.4700, 16.5810 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 14.9009, 16.4700, 16.5810 by changing the saturation by 10% instead.

■ 14.9009, 16.4700,
16.5810

■ 14.9009, 16.4700,
16.5810

216.1659,
232.0993, 244.7078

■ 8.8357, 9.8573,
9.7774

■ 34.2523, 37.4122,
38.3847

■ 4.6904, 5.3045,
5.1480

■ 48.2693, 52.5106,
54.2219

■ 2.0997, 2.4270,
2.2741

■ 65.6675, 71.2064,
73.9073

■ 0.6890, 0.8397,
0.7166

■ 86.8125, 93.8839,
97.8596

■ 0.0000, 0.0000,
0.0000

112.0694,
120.9275, 126.4972

141.8037,

152.7217, 160.2388

176.3808,
189.6509, 199.5028

■ 14.9009, 16.4700,
16.5810

■ 14.9009, 16.4700,
16.5810

■ 13.1042, 15.6026,
13.8609

■ 16.9443, 17.4584,
19.6361

■ 11.5435, 14.8495,
11.4633

■ 19.2418, 18.5699,
23.0359

■ 10.2094, 14.2065,
9.3765

■ 21.8022, 19.8094,
26.7912

■ 9.0913, 13.6685,
7.5880

■ 24.6335, 21.1807,
30.9117

■ 8.1777, 13.2299,
6.0839

■ 27.7434, 22.6877,
35.4070

■ 7.4561, 12.8845,
4.8498

■ 31.1392, 24.3338,
40.2862

■ 6.9127, 12.6255,
3.8694

■ 34.8280, 26.1225,
45.5583

■ 6.5317, 12.4451,
3.1253

■ 38.8165, 28.0572,
51.2317

■ 6.2795, 12.3266,
2.5967

■ 43.1114, 30.1412,
57.3147

Harmonies

Analogous

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



15.2371, 16.4700, 15.7316



14.9009, 16.4700, 16.5810



14.7662, 16.4700, 17.8282

Triad

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



14.9009, 16.4700, 16.5810



15.6176, 16.4700, 20.6530



16.4705, 16.4700, 16.7543

Complementary

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



14.9009, 16.4700, 16.5810



15.3658, 15.3755, 18.0783

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.



16.5772, 16.4700, 18.0383



14.9009, 16.4700, 16.5810



16.0790, 16.4700, 20.3308

Square

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



14.9009, 16.4700, 16.5810



15.1747, 16.4700, 20.2167



16.4326, 16.4700, 19.3566



16.1437, 16.4700, 15.8281

Rectangle

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



14.9009, 16.4700, 16.5810



14.8067, 16.4700, 18.7328



16.4326, 16.4700, 19.3566



16.5336, 16.4700, 17.1564

Sweetspot

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



14.9014, 16.4707, 16.5814



28.4210, 30.3328, 32.2980



15.7334, 16.9058, 16.3440



6.7939, 7.2429, 7.7255



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.



14.9014, 16.4707, 16.5814



26.2558, 29.2863, 29.0484



15.1156, 16.5564, 17.7094



3.6575, 4.1050, 4.0305



7.0971, 14.0529, 2.8016



34.4050, 68.4093, 12.7037

Inverse Universe

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



15.3658, 15.3755, 18.0783



27.2291, 26.9910, 32.1856



15.1466, 15.2878, 16.9238



3.8079, 3.7504, 4.5151



10.7419, 5.2305, 14.3811



52.1305, 25.4023, 68.9416

Previews

White Background



This preview shows how the XYZ color 14.9009, 16.4700, 16.5810 looks on a white background.

Color Contrast Check

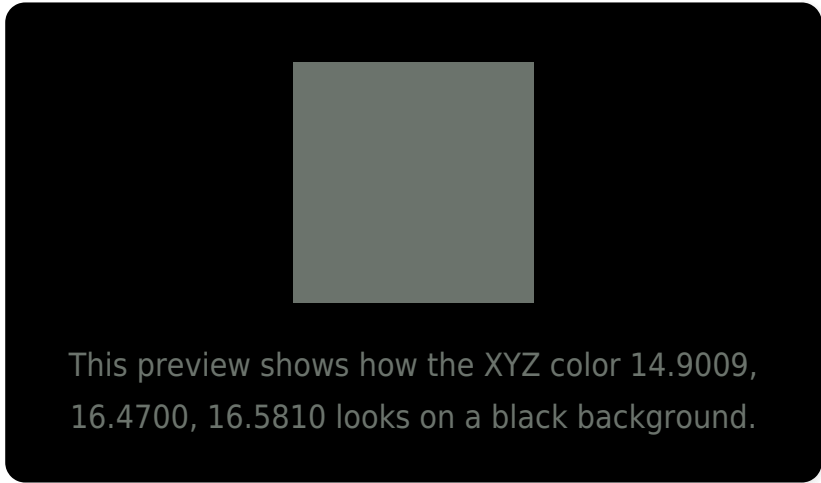
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

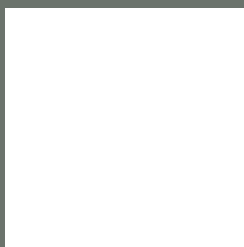
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9009, 16.4700, 16.5810

Background



This preview shows how black text looks on a background with the XYZ color 14.9009, 16.4700, 16.5810.



This preview shows how white text looks on a background with the XYZ color 14.9009, 16.4700,

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

14.9009, 16.4700, 16.5810

Protanopia

15.6505, 16.3629, 16.2434

Deuteranopia

16.6864, 16.4014, 16.7543



Tritanopia

15.7247, 16.4666, 20.7619

Trichromacy



Original Color

14.9009, 16.4700, 16.5810

Protanomaly

15.3690, 16.3825, 16.2620

Deuteranomaly

15.9160, 16.3246, 16.7801

Tritanomaly

15.4125, 16.5071, 19.2035

Monochromacy



Original Color

14.9009, 16.4700, 16.5810

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.2048, 16.2729, 17.3785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9009, 16.4700, 16.5810 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(107, 115, 108)` looks like.

```
.text, #text, p{  
    color:rgb(107, 115, 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(107, 115, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 115, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.9009, 16.4700, 16.5810 is called "border". The border property can be set on classes, ids or directly on the HTML element.

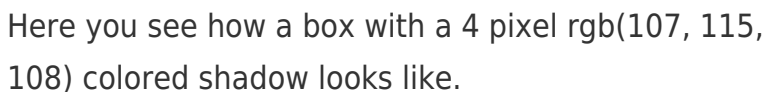
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 115, 108) }
```


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

```
.border{ border-color:rgb(107, 115, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 115, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 115, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 115, 108);  
box-shadow:4px 4px 4px 4px rgb(107, 115,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9009, 16.4700, 16.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 115, 108) }
```

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

```
.background{ background-color: rgb(107,  
115, 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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