

Converting Colors

XYZ(15.3215, 16.5385, 16.0215)

Have a look what the booklet for
XYZ(15.3215, 16.5385, 16.0215)
contains.

XYZ(15.3009, 16.5200, 16.0179)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.3009, 16.5200,
16.0179)**

Conversions

Conversions Part 1

Format	Color
Hex	70726A
RGB	112, 114, 106
RGB Percent	44%, 45%, 42%
CMY	0.5608, 0.5529, 0.5843
CMYK	0.02, 0.00, 0.07, 0.55
HSL	75°, 4%, 43%
HSV	75°, 7%, 45%
XYZ	15.3009, 16.5200, 16.0179
YIQ	112.4900, 1.3760, -2.9120

Conversions

Conversions Part 2

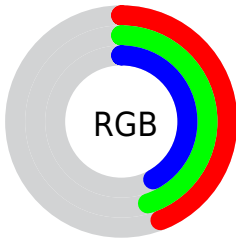
Format	Color
R_{YB}	106, 114, 108
Decimal	7369322
CIE _{Lab}	47.65, -2.35, 4.16
CIE _{LCh}	48, 4.781, 119.506
Yxy	16.5200, 0.3198, 0.3453
Android (android.graphics.Color)	4285559402 (0xFF70726A)
YUV	112.4900, -3.1996, -0.4297
Hunter-Lab	40.6448, -3.9314, 5.0855

Details

The XYZ color **15.3009, 16.5200, 16.0179** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3764, 14.7116, 18.0024**, and the grayscale version is **15.5544, 16.3645, 17.8209**.

A 20% lighter version of the original color is **35.0319, 37.5993, 37.3093**, and **4.8520, 5.3022, 4.9054** is the 20% darker color. If you saturate the color by 10%, you get **14.3899, 16.1148, 13.0836**, and if you desaturate by 10%, it is **16.3032, 16.9641, 19.3687**.

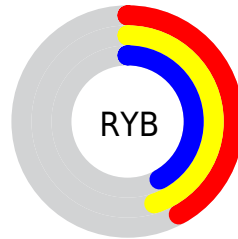
Distribution



Red (44%)

Green (45%)

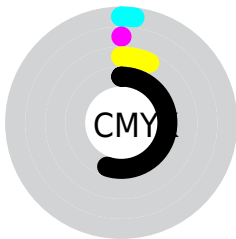
Blue (42%)



Red (42%)

Yellow (45%)

Blue (42%)

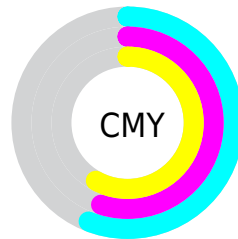


Cyan (2%)

Magenta (0%)

Yellow (7%)

Black (55%)



Cyan (56%)

Magenta (55%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3009, 16.5200, 16.0179 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 15.3009, 16.5200, 16.0179 by changing the saturation by 10% instead.

■ 15.3009, 16.5200,
16.0179

■ 15.3009, 16.5200,
16.0179

218.5328,
232.3909, 241.2966

■ 9.1185, 9.8929,
9.3823

■ 34.9475, 37.4986,
37.3965

■ 4.8763, 5.3280,
4.8912

■ 49.1425, 52.6189,
52.9766

■ 2.2089, 2.4410,
2.1259

■ 66.7390, 71.3390,
72.3753

■ 0.7474, 0.8468,
0.6311

■ 88.1025, 94.0433,
96.0111

■ 0.0000, 0.0000,
0.0000

113.5983,
121.1163, 124.3027

143.5916,

152.9423, 157.6684

178.4480,
189.9057, 196.5269

■ 15.3009, 16.5200,
16.0179

■ 15.3009, 16.5200,
16.0179

■ 14.3899, 16.1148,
13.0836

■ 16.3032, 16.9641,
19.3687

■ 13.5656, 15.7452,
10.5483

■ 17.3984, 17.4461,
23.1502

■ 12.8250, 15.4103,
8.3953

■ 18.5898, 17.9680,
27.3774

■ 12.1646, 15.1087,
6.6057

■ 19.8803, 18.5308,
32.0642

■ 11.5804, 14.8390,
5.1595

■ 21.2723, 19.1357,
37.2239

■ 11.0680, 14.5992,
4.0346

■ 22.7685, 19.7836,
42.8691

■ 10.6227, 14.3875,
3.2062

■ 24.3712, 20.4755,
49.0123

■ 10.2390, 14.2017,
2.6460

■ 26.0828, 21.2124,
55.6653

■ 9.9036, 14.0365,
2.2849

■ 27.9056, 21.9952,
62.8394

Harmonies

Analogous

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



15.7088, 16.5200, 15.7374



15.3009, 16.5200, 16.0179



15.0049, 16.5200, 16.8206

Triad

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



15.3009, 16.5200, 16.0179



15.2889, 16.5200, 20.0904



16.5371, 16.5200, 18.0077

Complementary

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



15.3009, 16.5200, 16.0179



14.3764, 14.7116, 18.0024

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.



16.4198, 16.5200, 19.2071



15.3009, 16.5200, 16.0179



15.6947, 16.5200, 20.4424

Square

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



15.3009, 16.5200, 16.0179



14.9981, 16.5200, 19.1705



16.1096, 16.5200, 20.1122



16.4271, 16.5200, 16.8542

Rectangle

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



15.3009, 16.5200, 16.0179



14.9083, 16.5200, 17.5626



16.1096, 16.5200, 20.1122



16.5229, 16.5200, 18.4191

Sweetspot

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



15.3014, 16.5207, 16.0183



27.7419, 29.4088, 30.9789



14.9041, 15.3437, 15.8120



6.4224, 6.8042, 7.1866



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.



15.3014, 16.5207, 16.0183



26.6892, 28.9421, 27.4976



14.8037, 16.2642, 15.9950



3.5643, 3.8763, 3.6337



10.9007, 15.5632, 2.4295



53.4825, 77.1053, 12.0640

Inverse Universe

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



14.3764, 14.7116, 18.0024



24.8035, 25.2539, 31.5427



14.8740, 14.9681, 18.0257



3.2887, 3.3371, 4.2250



3.9164, 1.6284, 17.8295



18.8234, 7.7582, 88.7845

Previews

White Background



This preview shows how the XYZ color 15.3009, 16.5200, 16.0179 looks on a white background.

Color Contrast Check

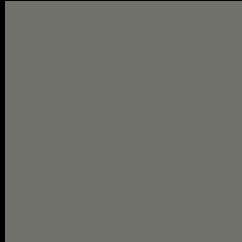
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3009, 16.5200, 16.0179 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

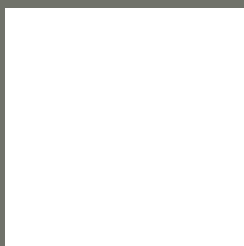
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3009, 16.5200, 16.0179

Background



This preview shows how black text looks on a background with the XYZ color 15.3009, 16.5200, 16.0179.



This preview shows how white text looks on a background with the XYZ color 15.3009, 16.5200,

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

15.3009, 16.5200, 16.0179

Protanopia

15.7910, 16.6121, 15.7388

Deuteranopia

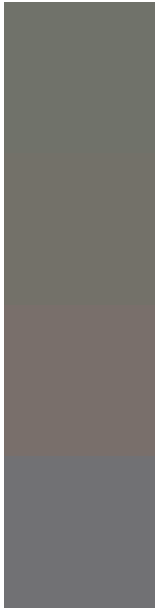
16.7267, 16.4344, 16.2005



Tritanopia

16.1848, 16.5462, 20.4299

Trichromacy



Original Color

15.3009, 16.5200, 16.0179

Protanomaly

15.5252, 16.4750, 15.7263

Deuteranomaly

16.2234, 16.4954, 16.2388

Tritanomaly

15.8676, 16.5819, 18.8873

Monochromacy



Original Color

15.3009, 16.5200, 16.0179

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.4017, 16.3808, 17.1019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3009, 16.5200, 16.0179 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(112, 114, 106)` looks like.

```
.text, #text, p{  
    color:rgb(112, 114, 106)  
}
```

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(112, 114, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 114, 106) }
```

Border

The CSS property to change the border of an element to XYZ 15.3009, 16.5200, 16.0179 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(112, 114, 106) }
```


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

```
.border{ border-color:rgb(112, 114, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 114, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 114, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 114, 106);  
box-shadow:4px 4px 4px 4px rgb(112, 114,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3009, 16.5200, 16.0179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 114, 106) }
```

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

```
.background{ background-color: rgb(112,  
114, 106) }
```

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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