

Converting Colors

XYZ(15.4491, 16.9750, 17.7890)

Have a look what the booklet for
XYZ(15.4491, 16.9750, 17.7890)
contains.

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Color

**XYZ(15.3544, 16.8488,
17.7721)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7470
RGB	108, 116, 112
RGB Percent	42%, 45%, 44%
CMY	0.5765, 0.5451, 0.5608
CMYK	0.07, 0.00, 0.03, 0.55
HSL	150°, 4%, 44%
HSV	150°, 7%, 45%
XYZ	15.3544, 16.8488, 17.7721
YIQ	113.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

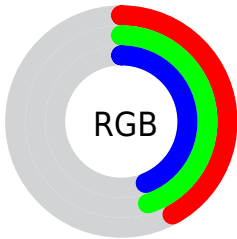
Format	Color
RYB	108, 113, 116
Decimal	7107696
CIELab	48.07, -3.85, 1.16
CIElCh	48, 4.018, 163.176
Yxy	16.8488, 0.3072, 0.3371
Android (android.graphics.Color)	4285297776 (0xFF6C7470)
YUV	113.1520, -0.5679, -4.5183
Hunter-Lab	41.0473, -5.0620, 3.0625

Details

The XYZ color **15.3544, 16.8488, 17.7721** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.4903, 15.6085, 17.5265**, and the grayscale version is **15.7439, 16.5638, 18.0380**.

A 20% lighter version of the original color is **35.0015, 38.0565, 40.6228**, and **4.9170, 5.4965, 5.6523** is the 20% darker color. If you saturate the color by 10%, you get **13.7238, 16.0448, 16.0636**, and if you desaturate by 10%, it is **17.1946, 17.7594, 19.5998**.

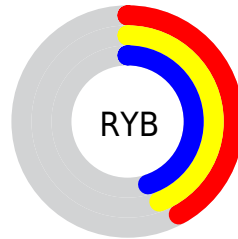
Distribution



Red (42%)

Green (45%)

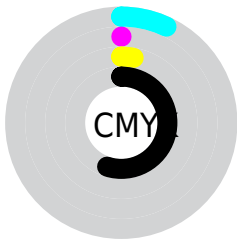
Blue (44%)



Red (42%)

Yellow (44%)

Blue (45%)

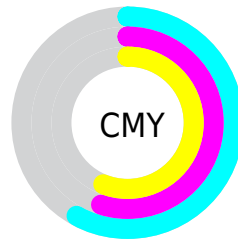


Cyan (7%)

Magenta (0%)

Yellow (3%)

Black (55%)



Cyan (58%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3544, 16.8488, 17.7721 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 15.3544, 16.8488, 17.7721 by changing the saturation by 10% instead.

■ 15.3544, 16.8488,
17.7721

■ 15.3544, 16.8488,
17.7721

218.8475,
234.2995, 251.7762

■ 9.1564, 10.1267,
10.6187

■ 35.0403, 38.0656,
40.4573

■ 4.9013, 5.4831,
5.7002

■ 49.2589, 53.3292,
56.8262

■ 2.2236, 2.5334,
2.5978

■ 66.8818, 72.2087,
77.1040

■ 0.7551, 0.8933,
0.8913

■ 88.2743, 95.0886,
101.7094

■ 0.0000, 0.0000,
0.0000

113.8017,
122.3532, 131.0607

143.8295,

154.3870, 165.5766

178.7230,
191.5743, 205.6755

■ 15.3544, 16.8488,
17.7721

■ 15.3544, 16.8488,
17.7721

■ 13.7238, 16.0448,
16.0636

■ 17.1946, 17.7594,
19.5998

■ 12.2935, 15.3412,
14.4709

■ 19.2502, 18.7781,
21.5478

■ 11.0558, 14.7346,
12.9917

■ 21.5287, 19.9092,
23.6189

■ 10.0018, 14.2205,
11.6235

■ 24.0367, 21.1561,
25.8152

■ 9.1221, 13.7939,
10.3637

■ 26.7806, 22.5221,
28.1389

■ 8.4061, 13.4496,
9.2094

■ 29.7665, 24.0102,
30.5919

■ 7.8422, 13.1816,
8.1577

■ 33.0003, 25.6234,
33.1764

■ 7.4172, 12.9831,
7.2056

■ 36.4877, 27.3647,
35.8943

■ 7.1007, 12.8386,
6.3490

■ 40.2341, 29.2367,
38.7475

Harmonies

Analogous

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



15.5407, 16.8488, 16.9238



15.3544, 16.8488, 17.7721



15.3432, 16.8488, 18.8057

Triad

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



15.3544, 16.8488, 17.7721



16.1742, 16.8488, 20.3647



16.5295, 16.8488, 17.0094

Complementary

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



15.3544, 16.8488, 17.7721



15.4903, 15.6085, 17.5265

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.



16.7046, 16.8488, 17.8929



15.3544, 16.8488, 17.7721



16.4974, 16.8488, 19.8446

Square

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



15.3544, 16.8488, 17.7721



15.8128, 16.8488, 20.3294



16.6928, 16.8488, 18.9311



16.2175, 16.8488, 16.4950

Rectangle

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



15.3544, 16.8488, 17.7721



15.4363, 16.8488, 19.4630



16.6928, 16.8488, 18.9311



16.6066, 16.8488, 17.2716

Sweetspot

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



15.3549, 16.8495, 17.7725



28.5106, 30.3687, 32.7698



15.6519, 17.0278, 16.6494



6.8136, 7.2508, 7.8297



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.



15.3549, 16.8495, 17.7725



26.5952, 29.4220, 30.8356



15.5750, 16.9376, 18.9316



3.7099, 4.1259, 4.3060



7.8560, 14.3564, 6.7977



37.8507, 69.7876, 30.8487

Inverse Universe

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



15.4903, 15.6085, 17.5265



26.8759, 26.8497, 30.3257



15.2795, 15.5241, 16.4161



3.7532, 3.7286, 4.2272



8.9310, 4.5061, 4.8447



43.0893, 21.7858, 21.3314

Previews

White Background



This preview shows how the XYZ color 15.3544, 16.8488, 17.7721 looks on a white background.

Color Contrast Check

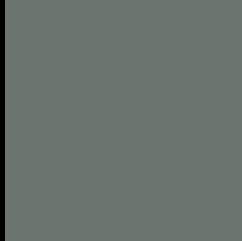
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3544, 16.8488, 17.7721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

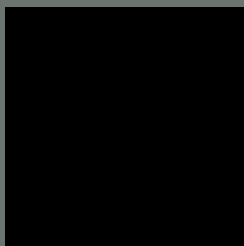
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

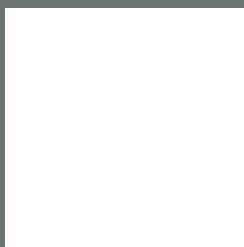
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3544, 16.8488, 17.7721

Background



This preview shows how black text looks on a background with the XYZ color 15.3544, 16.8488, 17.7721.



This preview shows how white text looks on a background with the XYZ color 15.3544, 16.8488,

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

15.3544, 16.8488, 17.7721

Protanopia

16.1105, 16.7399, 17.4209

Deuteranopia

17.0140, 16.7041, 17.9503



Tritanopia

16.0229, 16.7797, 21.1332

Trichromacy



Original Color

15.3544, 16.8488, 17.7721

Protanomaly

15.8260, 16.7597, 17.4398

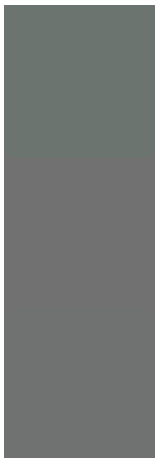
Deuteranomaly

16.3826, 16.7025, 17.9832

Tritanomaly

15.7672, 16.8446, 19.8731

Monochromacy



Original Color

15.3544, 16.8488, 17.7721

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.5535, 16.6064, 18.0084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3544, 16.8488, 17.7721 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(108, 116, 112)` looks like.

```
.text, #text, p{  
    color:rgb(108, 116, 112)  
}
```

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(108, 116, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 116, 112) }
```

Border

The CSS property to change the border of an element to XYZ 15.3544, 16.8488, 17.7721 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(108, 116, 112) }
```


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

```
.border{ border-color:rgb(108, 116, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 116, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 116, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 116, 112);  
box-shadow:4px 4px 4px 4px rgb(108, 116,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3544, 16.8488, 17.7721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 116, 112) }
```

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

```
.background{ background-color: rgb(108,  
116, 112) }
```

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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