

Converting Colors

XYZ(15.3627, 16.4107, 18.7495)

Have a look what the booklet for
XYZ(15.3627, 16.4107, 18.7495)
contains.

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Color

**XYZ(15.4764, 16.5468,
18.9012)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7274
RGB	109, 114, 116
RGB Percent	43%, 45%, 45%
CMY	0.5725, 0.5529, 0.5451
CMYK	0.06, 0.02, 0.00, 0.55
HSL	197°, 3%, 44%
HSV	197°, 6%, 45%
XYZ	15.4764, 16.5468, 18.9012
YIQ	112.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

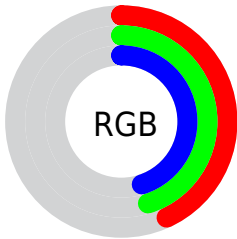
Format	Color
RYB	109, 112, 116
Decimal	7172724
CIELab	47.68, -1.47, -1.77
CIELCh	48, 2.298, 230.317
Yxy	16.5468, 0.3039, 0.3249
Android (android.graphics.Color)	4285362804 (0xFF6D7274)
YUV	112.7330, 1.6106, -3.2738
Hunter-Lab	40.6778, -3.2734, 0.9249

Details

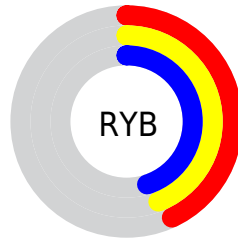
The XYZ color **15.4764, 16.5468, 18.9012** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6473, 16.1860, 16.7678**, and the grayscale version is **15.6135, 16.4266, 17.8886**.

A 20% lighter version of the original color is **35.2013, 37.5732, 42.4428**, and **4.9782, 5.3379, 6.2368** is the 20% darker color. If you saturate the color by 10%, you get **13.7759, 15.1261, 18.7169**, and if you desaturate by 10%, it is **17.3798, 18.0931, 19.0996**.

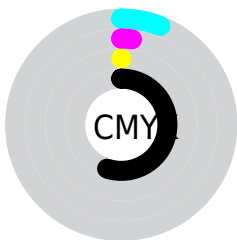
Distribution



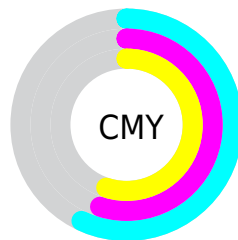
- Red (43%)
- Green (45%)
- Blue (45%)



- Red (43%)
- Yellow (44%)
- Blue (45%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (55%)



- Cyan (57%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4764, 16.5468, 18.9012 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 15.4764, 16.5468, 18.9012 by changing the saturation by 10% instead.

■ 15.4764, 16.5468,
18.9012

■ 15.4764, 16.5468,
18.9012

219.5636,
232.5470, 258.3073

■ 9.2429, 9.9119,
11.4228

■ 35.2516, 37.5449,
42.4016

■ 4.9583, 5.3406,
6.2343

■ 49.5241, 52.6769,
59.2606

■ 2.2573, 2.4485,
2.9170

■ 67.2068, 71.4101,
80.0836

■ 0.7727, 0.8506,
1.0524

■ 88.6653, 94.1288,
105.2892

■ 0.0000, 0.0000,
0.0000

114.2649,
121.2174, 135.2958

144.3709,

153.0604, 170.5220

179.3487,
190.0421, 211.3863

■ 15.4764, 16.5468,
18.9012

■ 15.4764, 16.5468,
18.9012

■ 13.7759, 15.1261,
18.7169

■ 17.3798, 18.0931,
19.0996

■ 12.2693, 13.8247,
18.5451

■ 19.4916, 19.7667,
19.3113

■ 10.9492, 12.6392,
18.3858

■ 21.8192, 21.5719,
19.5371

■ 9.8070, 11.5649,
18.2387

■ 24.3687, 23.5124,
19.7773

■ 8.8337, 10.5967,
18.1031

■ 27.1465, 25.5913,
20.0321

■ 8.0190, 9.7294,
17.9786

■ 30.1583, 27.8120,
20.3020

■ 7.3518, 8.9569,
17.8647

■ 33.4098, 30.1775,
20.5873

■ 6.8193, 8.2723,
17.7606

■ 36.9065, 32.6909,
20.8881

■ 6.3959, 7.6623,
17.6652

■ 40.6536, 35.3551,
21.2048

Harmonies

Analogous

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



15.3598, 16.5468, 18.4122



15.4764, 16.5468, 18.9012



15.6609, 16.5468, 19.1548

Triad

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



15.4764, 16.5468, 18.9012



16.1198, 16.5468, 18.2076



15.5905, 16.5468, 16.9766

Complementary

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



15.4764, 16.5468, 18.9012



15.6473, 16.1860, 16.7678

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.



15.7938, 16.5468, 16.9245



15.4764, 16.5468, 18.9012



16.1005, 16.5468, 17.6268

Square

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



15.4764, 16.5468, 18.9012



16.0331, 16.5468, 18.7486



15.9808, 16.5468, 17.1601



15.4253, 16.5468, 17.3040

Rectangle

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



15.4764, 16.5468, 18.9012



15.7981, 16.5468, 19.1525



15.9808, 16.5468, 17.1601



15.6566, 16.5468, 16.9266

Sweetspot

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



15.4769, 16.5475, 18.9016



28.4944, 30.1428, 33.3608



15.4207, 16.8896, 17.4817



6.8101, 7.2010, 7.9600



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.



15.4769, 16.5475, 18.9016



26.8457, 28.7906, 33.1867



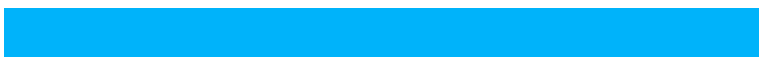
15.0912, 15.7762, 18.7730



3.7780, 4.0523, 4.6733



6.9831, 8.3060, 19.7777



33.2720, 38.9605, 96.1268

Inverse Universe

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



15.7088, 15.8656, 18.1548



27.3282, 27.3797, 31.6311



16.0351, 16.9614, 16.8970



3.8465, 3.8521, 4.4524



9.8219, 4.8625, 9.5363



47.4809, 23.5425, 44.4573

Previews

White Background



This preview shows how the XYZ color 15.4764, 16.5468, 18.9012 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 15.4764, 16.5468, 18.9012 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

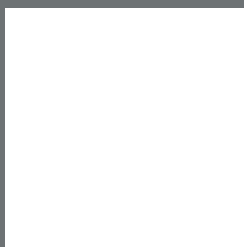
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4764, 16.5468, 18.9012

Background



This preview shows how black text looks on a background with the XYZ color 15.4764, 16.5468, 18.9012.



This preview shows how white text looks on a background with the XYZ color 15.4764, 16.5468,

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

15.4764, 16.5468, 18.9012

Protanopia

15.8281, 16.4036, 18.5516

Deuteranopia

16.8129, 16.5738, 19.1425



Tritanopia

15.8484, 16.5304, 20.7677

Trichromacy

**Original Color**

15.4764, 16.5468, 18.9012

Protanomaly

15.6817, 16.4928, 18.5766

Deuteranomaly

16.2314, 16.4351, 19.1464

Tritanomaly

15.7257, 16.4813, 20.1217

Monochromacy

**Original Color**

15.4764, 16.5468, 18.9012

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.6245, 16.4699, 18.2751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4764, 16.5468, 18.9012 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(109, 114, 116)` looks like.

```
.text, #text, p{  
    color:rgb(109, 114, 116)  
}
```

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(109, 114, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 114, 116) }
```

Border

The CSS property to change the border of an element to XYZ 15.4764, 16.5468, 18.9012 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(109, 114, 116) }
```


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

```
.border{ border-color:rgb(109, 114, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 114, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 114, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 114, 116);  
box-shadow:4px 4px 4px 4px rgb(109, 114,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4764, 16.5468, 18.9012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 114, 116) }
```

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

```
.background{ background-color: rgb(109,  
114, 116) }
```

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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