

Converting Colors

XYZ(15.9292, 16.8918, 18.8583)

Have a look what the booklet for
XYZ(15.9292, 16.8918, 18.8583)
contains.

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Color

**XYZ(15.9652, 16.9672,
18.9565)**

Conversions

Conversions Part 1

Format	Color
Hex	707374
RGB	112, 115, 116
RGB Percent	44%, 45%, 45%
CMY	0.5608, 0.5490, 0.5451
CMYK	0.03, 0.01, 0.00, 0.55
HSL	195°, 2%, 45%
HSV	195°, 3%, 45%
XYZ	15.9652, 16.9672, 18.9565
YIQ	114.2170, -2.1090, -0.3250

Conversions

Conversions Part 2

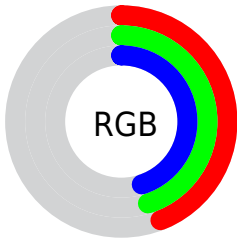
Format	Color
R_{YB}	112, 114, 116
Decimal	7369588
CIE Lab	48.22, -0.93, -0.95
CIE LCh	48, 1.331, 225.825
Yxy	16.9672, 0.3077, 0.3270
Android (android.graphics.Color)	4285559668 (0xFF707374)
YUV	114.2170, 0.8790, -1.9443
Hunter-Lab	41.1913, -2.9004, 1.5482

Details

The XYZ color **15.9652, 16.9672, 18.9565** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.0322, 16.6928, 17.7065**, and the grayscale version is **16.0577, 16.8939, 18.3975**.

A 20% lighter version of the original color is **36.1964, 38.3571, 42.5417**, and **5.1649, 5.5217, 6.2624** is the 20% darker color. If you saturate the color by 10%, you get **14.2587, 15.6058, 18.7839**, and if you desaturate by 10%, it is **17.8732, 18.4488, 19.1422**.

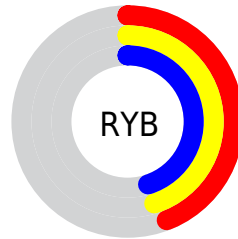
Distribution



Red (44%)

Green (45%)

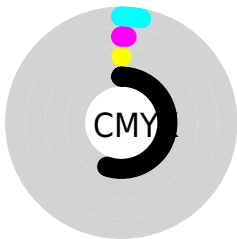
Blue (45%)



Red (44%)

Yellow (45%)

Blue (45%)

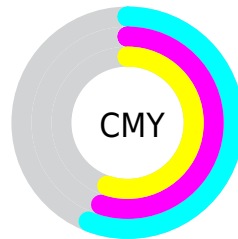


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (55%)



Cyan (56%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9652, 16.9672, 18.9565 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 15.9652, 16.9672, 18.9565 by changing the saturation by 10% instead.

■ 15.9652, 16.9672,
18.9565

■ 15.9652, 16.9672,
18.9565

222.4107,
234.9833, 258.6232

■ 9.5902, 10.2111,
11.4624

■ 36.0957, 38.2694,
42.4963

■ 5.1883, 5.5392,
6.2607

■ 50.5820, 53.5842,
59.3790

■ 2.3940, 2.5669,
2.9329

■ 68.5027, 72.5208,
80.2284

■ 0.8421, 0.9101,
1.0605

■ 90.2232, 95.4635,
105.4629

■ 0.0000, 0.0000,
0.0000

116.1089,
122.7967, 135.5011

146.5252,

154.9048, 170.7615

181.8373,
192.1722, 211.6627

■ 15.9652, 16.9672,
18.9565

■ 15.9652, 16.9672,
18.9565

■ 14.2587, 15.6058,
18.7839

■ 17.8732, 18.4488,
19.1422

■ 12.7449, 14.3585,
18.6230

■ 19.9882, 20.0522,
19.3402

■ 11.4166, 13.2220,
18.4736

■ 22.3173, 21.7815,
19.5512

■ 10.2655, 12.1917,
18.3354

■ 24.8667, 23.6402,
19.7756

■ 9.2826, 11.2630,
18.2079

■ 27.6424, 25.6315,
20.0137

■ 8.4582, 10.4306,
18.0907

■ 30.6502, 27.7585,
20.2657

■ 7.7813, 9.6888,
17.9832

■ 33.8957, 30.0242,
20.5320

■ 7.2397, 9.0311,
17.8848

■ 37.3843, 32.4315,
20.8127

■ 6.8170, 8.4489,
17.7947

■ 41.1211, 34.9831,
21.1083

Harmonies

Analogous

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



15.9040, 16.9672, 18.6567



15.9652, 16.9672, 18.9565



16.0699, 16.9672, 19.1281

Triad

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



15.9652, 16.9672, 18.9565



16.3535, 16.9672, 18.6381



16.0634, 16.9672, 17.8406

Complementary

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



15.9652, 16.9672, 18.9565



16.0322, 16.6928, 17.7065

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.



16.1839, 16.9672, 17.8358



15.9652, 16.9672, 18.9565



16.3517, 16.9672, 18.2933

Square

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



15.9652, 16.9672, 18.9565



16.2943, 16.9672, 18.9427



16.2895, 16.9672, 18.0005



15.9605, 16.9672, 18.0139

Rectangle

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



15.9652, 16.9672, 18.9565



16.1504, 16.9672, 19.1453



16.2895, 16.9672, 18.0005



16.1032, 16.9672, 17.8193

Sweetspot

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



15.9657, 16.9679, 18.9569



28.8441, 30.4375, 33.3993



15.9046, 17.1265, 18.0708



6.8872, 7.2660, 7.9685



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.



15.9657, 16.9679, 18.9569



27.8579, 29.6636, 33.3019



15.7472, 16.5310, 18.8841



3.9045, 4.1627, 4.6879



7.3538, 9.0472, 19.9013



35.1316, 42.6798, 96.7467

Inverse Universe

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



16.0915, 16.5394, 18.5649



28.1202, 28.7727, 32.4840



16.2504, 17.1293, 17.7792



3.9451, 4.0248, 4.5611



10.0090, 4.9373, 10.5214



48.4196, 23.9179, 49.4002

Previews

White Background



This preview shows how the XYZ color 15.9652, 16.9672, 18.9565 looks on a white background.

Color Contrast Check

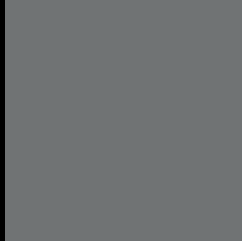
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9652, 16.9672, 18.9565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

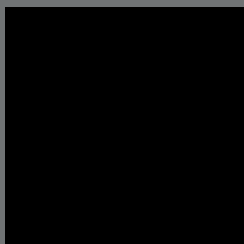
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

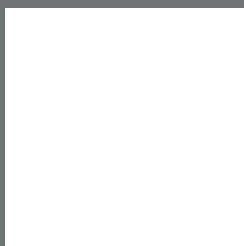
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9652, 16.9672, 18.9565

Background



This preview shows how black text looks on a background with the XYZ color 15.9652, 16.9672, 18.9565.



This preview shows how white text looks on a background with the XYZ color 15.9652, 16.9672,

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

15.9652, 16.9672, 18.9565

Protanopia

16.3143, 16.9854, 18.6383

Deuteranopia

17.2075, 16.9383, 19.1921



Tritanopia

16.4025, 16.9754, 21.1510

Trichromacy

**Original Color**

15.9652, 16.9672, 18.9565

Protanomaly

16.1821, 16.9173, 18.6321

Deuteranomaly

16.7508, 16.8658, 19.2022

Tritanomaly

16.2175, 16.9014, 20.1768

Monochromacy

**Original Color**

15.9652, 16.9672, 18.9565

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9219, 16.7831, 18.6200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9652, 16.9672, 18.9565 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, 115, 116) looks like.

```
.text, #text, p{  
    color:rgb(112, 115, 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(112, 115, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 115, 116) }
```

Border

The CSS property to change the border of an element to XYZ 15.9652, 16.9672, 18.9565 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, 115, 116) }
```


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

```
.border{ border-color:rgb(112, 115, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 115, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 115, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 115, 116);  
box-shadow:4px 4px 4px 4px rgb(112, 115,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9652, 16.9672, 18.9565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 115, 116) }
```

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

```
.background{ background-color: rgb(112,  
115, 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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