

Converting Colors

XYZ(16.2774, 16.7945, 17.9681)

Have a look what the booklet for
XYZ(16.2774, 16.7945, 17.9681)
contains.

XYZ(16.3570, 16.8541, 18.0138)	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(16.3570, 16.8541,
18.0138)**

Conversions

Conversions Part 1

Format	Color
Hex	767171
RGB	118, 113, 113
RGB Percent	46%, 44%, 44%
CMY	0.5373, 0.5569, 0.5569
CMYK	0.00, 0.04, 0.04, 0.54
HSL	0°, 2%, 45%
HSV	0°, 4%, 46%
XYZ	16.3570, 16.8541, 18.0138
YIQ	114.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

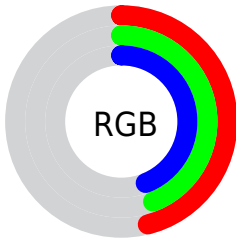
Format	Color
R_{YB}	118, 113, 113
Decimal	7762289
CIE _{Lab}	48.08, 1.93, 0.68
CIE _{LCh}	48, 2.044, 19.471
Yxy	16.8541, 0.3193, 0.3290
Android (android.graphics.Color)	4285952369 (0xFF767171)
YUV	114.4950, -0.7370, 3.0739
Hunter-Lab	41.0537, -0.7245, 2.7220

Details

The XYZ color **16.3570, 16.8541, 18.0138** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.5584, 17.7753, 19.6980**, and the grayscale version is **16.1450, 16.9858, 18.4975**.

A 20% lighter version of the original color is **36.8242, 38.1729, 41.0246**, and **5.3702, 5.4643, 5.7727** is the 20% darker color. If you saturate the color by 10%, you get **14.5041, 14.1431, 14.3290**, and if you desaturate by 10%, it is **18.4683, 19.9432, 22.2114**.

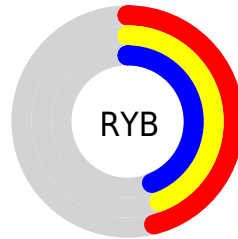
Distribution



Red (46%)

Green (44%)

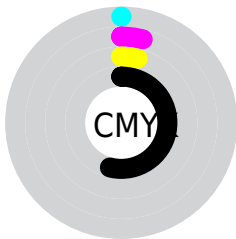
Blue (44%)



Red (46%)

Yellow (44%)

Blue (44%)

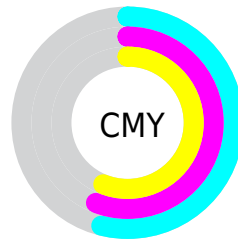


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (54%)



Cyan (54%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3570, 16.8541, 18.0138 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 16.3570, 16.8541, 18.0138 by changing the saturation by 10% instead.

■ 16.3570, 16.8541,
18.0138

■ 16.3570, 16.8541,
18.0138

224.6684,
234.3302, 253.1875

■ 9.8696, 10.1305,
10.7904

■ 36.7693, 38.0748,
40.8751

■ 5.3742, 5.4856,
5.8136

■ 51.4250, 53.3406,
57.3500

■ 2.5054, 2.5349,
2.6651

■ 69.5340, 72.2227,
77.7459

■ 0.8980, 0.8940,
0.9258

■ 91.4619, 95.1054,
102.4811

■ 0.0000, 0.0000,
0.0000

117.5739,
122.3731, 131.9744

148.2354,

154.4102, 166.6442

183.8118,
191.6011, 206.9091

■ 16.3570, 16.8541,
18.0138

■ 16.3570, 16.8541,
18.0138

■ 14.5041, 14.1431,
14.3290

■ 18.4683, 19.9432,
22.2114

■ 12.8983, 11.7936,
11.1362

■ 20.8458, 23.4218,
26.9392

■ 11.5297, 9.7909,
8.4150

■ 23.4990, 27.3036,
32.2152

■ 10.3869, 8.1187,
6.1431

■ 26.4362, 31.6009,
38.0562

■ 9.4578, 6.7592,
4.2962

■ 29.6655, 36.3256,
44.4783

■ 8.7292, 5.6930,
2.8481

■ 33.1948, 41.4891,
51.4968

■ 8.1864, 4.8985,
1.7693

■ 37.0314, 47.1022,
59.1268

■ 7.8124, 4.3512,
1.0264

■ 41.1825, 53.1754,
67.3824

■ 7.5830, 4.0153,
0.5706

■ 45.6553, 59.7191,
76.2776

Harmonies

Analogous

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



16.3716, 16.8541, 18.5380



16.3570, 16.8541, 18.0138



16.2516, 16.8541, 17.5878

Triad

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



16.3570, 16.8541, 18.0138



15.7505, 16.8541, 17.6972



15.9544, 16.8541, 19.3711

Complementary

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



16.3570, 16.8541, 18.0138



16.5584, 17.7753, 19.6980

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.



15.7893, 16.8541, 19.1364



16.3570, 16.8541, 18.0138



15.6722, 16.8541, 18.1657

Square

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



16.3570, 16.8541, 18.0138



15.9011, 16.8541, 17.4075



15.6863, 16.8541, 18.6929



16.1382, 16.8541, 19.3285

Rectangle

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



16.3570, 16.8541, 18.0138



16.1444, 16.8541, 17.4137



15.6863, 16.8541, 18.6929



15.8949, 16.8541, 19.3218

Sweetspot

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



16.3575, 16.8548, 18.0142



29.9036, 31.3070, 33.9455



16.6466, 16.9700, 19.5380



6.8819, 7.2077, 7.8178



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.



16.3575, 16.8548, 18.0142



28.4543, 29.1865, 31.0636



16.6400, 17.4199, 18.1083



3.8482, 3.9412, 4.1888



8.0834, 4.1681, 0.3785



39.3898, 20.3082, 1.8438

Inverse Universe

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



16.5584, 17.7753, 19.6980



28.8792, 31.1327, 34.6241



16.2682, 17.1948, 19.6013



3.9090, 4.2200, 4.6987



10.5391, 15.4179, 20.9630



51.3563, 75.1292, 102.1549

Previews

White Background



This preview shows how the XYZ color 16.3570, 16.8541, 18.0138 looks on a white background.

Color Contrast Check

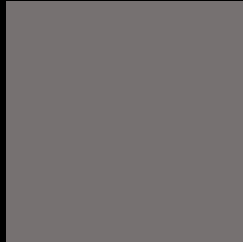
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.3570, 16.8541, 18.0138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

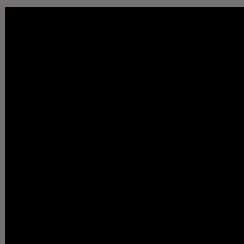
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

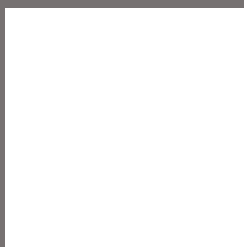
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.3570, 16.8541, 18.0138

Background



This preview shows how black text looks on a background with the XYZ color 16.3570, 16.8541, 18.0138.



This preview shows how white text looks on a background with the XYZ color 16.3570, 16.8541,

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

16.3570, 16.8541, 18.0138

Protanopia

16.2004, 16.9399, 18.0387

Deuteranopia

17.0706, 16.7267, 18.2485



Tritanopia

16.8531, 16.8908, 20.4611

Trichromacy

**Original Color**

16.3570, 16.8541, 18.0138

Protanomaly

16.3341, 17.0088, 18.0449

Deuteranomaly

16.7477, 16.7214, 18.2644

Tritanomaly

16.6719, 16.8183, 19.5071

Monochromacy

**Original Color**

16.3570, 16.8541, 18.0138

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.1248, 16.8944, 18.3307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3570, 16.8541, 18.0138 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(118, 113, 113) looks like.

```
.text, #text, p{  
    color:rgb(118, 113, 113)  
}
```

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(118, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 113, 113) }
```

Border

The CSS property to change the border of an element to XYZ 16.3570, 16.8541, 18.0138 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(118, 113, 113) }
```


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

```
.border{ border-color:rgb(118, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(118, 113,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3570, 16.8541, 18.0138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 113, 113) }
```

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

```
.background{ background-color: rgb(118,  
113, 113) }
```

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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