

Converting Colors

XYZ(15.8799, 17.2604, 17.9746)

Have a look what the booklet for
XYZ(15.8799, 17.2604, 17.9746)
contains.

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Color

**XYZ(15.8975, 17.2943,
18.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7571
RGB	111, 117, 113
RGB Percent	44%, 46%, 44%
CMY	0.5647, 0.5412, 0.5569
CMYK	0.05, 0.00, 0.03, 0.54
HSL	140°, 3%, 45%
HSV	140°, 5%, 46%
XYZ	15.8975, 17.2943, 18.1230
YIQ	114.7500, -2.2920, -2.5160

Conversions

Conversions Part 2

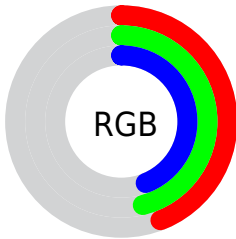
Format	Color
R_{YB}	111, 116, 117
Decimal	7304561
CIE _{Lab}	48.63, -3.09, 1.41
CIE _{LCh}	49, 3.394, 155.389
Yxy	17.2943, 0.3098, 0.3370
Android (android.graphics.Color)	4285494641 (0xFF6F7571)
YUV	114.7500, -0.8628, -3.2887
Hunter-Lab	41.5864, -4.5399, 3.2724

Details

The XYZ color **15.8975, 17.2943, 18.1230** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1157, 16.3891, 18.5346**, and the grayscale version is **16.2234, 17.0683, 18.5874**.

A 20% lighter version of the original color is **36.0838, 38.8791, 41.1999**, and **5.1322, 5.6947, 5.8297** is the 20% darker color. If you saturate the color by 10%, you get **14.1002, 16.4168, 15.8438**, and if you desaturate by 10%, it is **17.9265, 18.2878, 20.6109**.

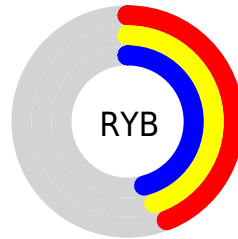
Distribution



Red (44%)

Green (46%)

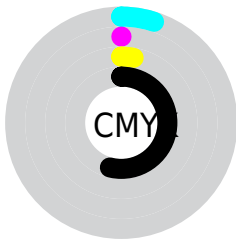
Blue (44%)



Red (44%)

Yellow (45%)

Blue (46%)

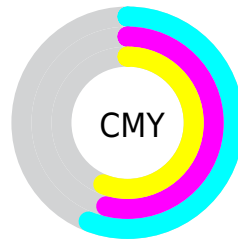


Cyan (5%)

Magenta (0%)

Yellow (3%)

Black (54%)



Cyan (56%)

Magenta (54%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8975, 17.2943, 18.1230 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 15.8975, 17.2943, 18.1230 by changing the saturation by 10% instead.

■ 15.8975, 17.2943,
18.1230

■ 15.8975, 17.2943,
18.1230

222.0184,
236.8627, 253.8228

■ 9.5420, 10.4445,
10.8680

■ 35.9791, 38.8311,
41.0636

■ 5.1563, 5.6947,
5.8651

■ 50.4359, 54.2869,
57.5862

■ 2.3750, 2.6603,
2.6958

■ 68.3238, 73.3802,
78.0351

■ 0.8326, 0.9571,
0.9413

■ 90.0083, 96.4954,
102.8288

■ 0.0000, 0.0000,
0.0000

115.8546,
124.0168, 132.3859

146.2282,

156.3289, 167.1249

181.4943,
193.8161, 207.4644

■ 15.8975, 17.2943,
18.1230

■ 15.8975, 17.2943,
18.1230

■ 14.1002, 16.4168,
15.8438

■ 17.9265, 18.2878,
20.6109

■ 12.5246, 15.6489,
13.7669

■ 20.1935, 19.3991,
23.3116

■ 11.1624, 14.9869,
11.8870

■ 22.7067, 20.6327,
26.2303

■ 10.0041, 14.4259,
10.1985

■ 25.4733, 21.9923,
29.3718

■ 9.0393, 13.9609,
8.6951

■ 28.5003, 23.4813,
32.7408

■ 8.2570, 13.5861,
7.3706

■ 31.7941, 25.1030,
36.3418

■ 7.6447, 13.2953,
6.2180

■ 35.3613, 26.8607,
40.1792

■ 7.1884, 13.0814,
5.2302

■ 39.2081, 28.7576,
44.2571

■ 6.8650, 12.9328,
4.3990

■ 43.3404, 30.7965,
48.5798

Harmonies

Analogous

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



16.0922, 17.2943, 17.4623



15.8975, 17.2943, 18.1230



15.8468, 17.2943, 18.9926

Triad

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



15.8975, 17.2943, 18.1230



16.4942, 17.2943, 20.5961



16.9324, 17.2943, 17.8515

Complementary

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



15.8975, 17.2943, 18.1230



16.1157, 16.3891, 18.5346

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.



17.0432, 17.2943, 18.6694



15.8975, 17.2943, 18.1230



16.7881, 17.2943, 20.2685

Square

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



15.8975, 17.2943, 18.1230



16.1888, 17.2943, 20.4387



16.9900, 17.2943, 19.5563



16.6892, 17.2943, 17.3091

Rectangle

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



15.8975, 17.2943, 18.1230



15.9009, 17.2943, 19.5780



16.9900, 17.2943, 19.5563



16.9865, 17.2943, 18.1024

Sweetspot

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



15.8980, 17.2950, 18.1234



29.5405, 31.4939, 33.7829



16.3146, 17.5227, 17.5617



6.8048, 7.2473, 7.7832



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.



15.8980, 17.2950, 18.1234



28.1183, 30.7983, 32.0165



16.0640, 17.3614, 18.9977



3.8084, 4.1762, 4.3355



7.4052, 14.1761, 4.4237



35.7259, 68.9376, 19.6594

Inverse Universe

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



16.1157, 16.3891, 18.5346



28.5832, 28.8645, 32.8944



15.9513, 16.3234, 17.6689



3.8732, 3.9067, 4.4578



9.5914, 4.7703, 8.3223



46.3304, 23.0823, 38.3991

Previews

White Background



This preview shows how the XYZ color 15.8975, 17.2943, 18.1230 looks on a white background.

Color Contrast Check

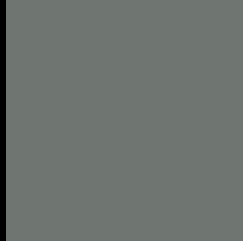
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8975, 17.2943, 18.1230 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 15.8975, 17.2943, 18.1230

Background



This preview shows how black text looks on a background with the XYZ color 15.8975, 17.2943, 18.1230.



This preview shows how white text looks on a background with the XYZ color 15.8975, 17.2943,

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

15.8975, 17.2943, 18.1230

Protanopia

16.5266, 17.2829, 17.7941

Deuteranopia

17.5838, 17.3153, 18.3350



Tritanopia

16.5789, 17.2274, 21.5202

Trichromacy



Original Color

15.8975, 17.2943, 18.1230

Protanomaly

16.2403, 17.3055, 17.8136

Deuteranomaly

16.9397, 17.3145, 18.3688

Tritanomaly

16.3176, 17.2916, 20.2469

Monochromacy



Original Color

15.8975, 17.2943, 18.1230

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.2221, 17.2831, 18.4006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8975, 17.2943, 18.1230 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(111, 117, 113)` looks like.

```
.text, #text, p{  
    color:rgb(111, 117, 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(111, 117, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 117, 113) }
```

Border

The CSS property to change the border of an element to XYZ 15.8975, 17.2943, 18.1230 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(111, 117, 113) }
```


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

```
.border{ border-color:rgb(111, 117, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 117, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 117, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 117, 113);  
box-shadow:4px 4px 4px 4px rgb(111, 117,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8975, 17.2943, 18.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 117, 113) }
```

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

```
.background{ background-color: rgb(111,  
117, 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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