

Converting Colors

XYZ(17.2682, 18.4880, 18.8950)

Have a look what the booklet for
XYZ(17.2682, 18.4880, 18.8950)
contains.

XYZ(17.2822, 18.5223, 18.8839)	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(17.2822, 18.5223,
18.8839)**

Conversions

Conversions Part 1

Format	Color
Hex	767873
RGB	118, 120, 115
RGB Percent	46%, 47%, 45%
CMY	0.5373, 0.5294, 0.5490
CMYK	0.02, 0.00, 0.04, 0.53
HSL	84°, 2%, 46%
HSV	84°, 4%, 47%
XYZ	17.2822, 18.5223, 18.8839
YIQ	118.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

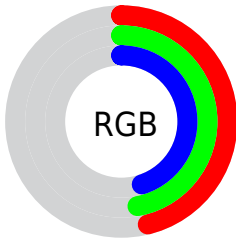
Format	Color
R_{YB}	115, 120, 117
Decimal	7764083
CIE Lab	50.12, -1.75, 2.47
CIE LCh	50, 3.030, 125.327
Yxy	18.5223, 0.3160, 0.3387
Android (android.graphics.Color)	4285954163 (0xFF767873)
YUV	118.8320, -1.8892, -0.7297
Hunter-Lab	43.0375, -3.6371, 4.1112

Details

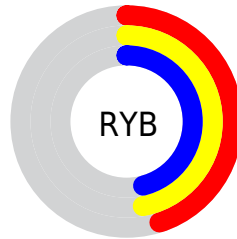
The XYZ color **17.2822, 18.5223, 18.8839** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8577, 17.3999, 20.2403**, and the grayscale version is **17.4876, 18.3983, 20.0358**.

A 20% lighter version of the original color is **38.3051, 40.8411, 42.4234**, and **5.8563, 6.3421, 6.2257** is the 20% darker color. If you saturate the color by 10%, you get **16.0006, 17.9368, 15.4509**, and if you desaturate by 10%, it is **18.6880, 19.1625, 22.7928**.

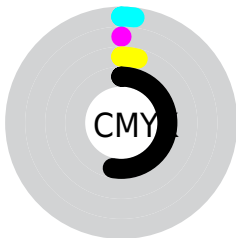
Distribution



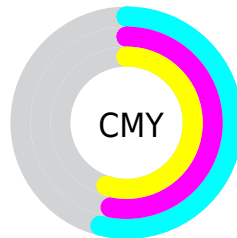
- Red (46%)
- Green (47%)
- Blue (45%)



- Red (45%)
- Yellow (47%)
- Blue (46%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (53%)



- Cyan (54%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2822, 18.5223, 18.8839 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 17.2822, 18.5223, 18.8839 by changing the saturation by 10% instead.

■ 17.2822, 18.5223,
18.8839

■ 17.2822, 18.5223,
18.8839

229.9181,
243.7987, 258.2084

■ 10.5324, 11.3256,
11.4105

■ 38.3501, 40.9253,
42.3719

■ 5.8183, 6.2863,
6.2260

■ 53.3989, 56.9005,
59.2236

■ 2.7745, 3.0199,
2.9120

■ 71.9449, 76.5705,
80.0383

■ 1.0357, 1.1422,
1.0499

■ 94.3532, 100.3199,
105.2348

■ 0.0000, 0.0137,
0.0000

120.9894,
128.5330, 135.2315

■ 0.0000, 0.0000,
0.0000

152.2187,

161.5943, 170.4470

188.4064,
199.8881, 211.2998

■ 17.2822, 18.5223,
18.8839

■ 17.2822, 18.5223,
18.8839

■ 16.0006, 17.9368,
15.4509

■ 18.6880, 19.1625,
22.7928

■ 14.8376, 17.4019,
12.4745

■ 20.2202, 19.8566,
27.1936

■ 13.7897, 16.9168,
9.9356

■ 21.8829, 20.6068,
32.1030

■ 12.8524, 16.4796,
7.8136

■ 23.6794, 21.4145,
37.5366

■ 12.0210, 16.0884,
6.0861

■ 25.6131, 22.2811,
43.5093

■ 11.2902, 15.7409,
4.7286

■ 27.6870, 23.2080,
50.0355

■ 10.6543, 15.4349,
3.7139

■ 29.9044, 24.1964,
57.1288

■ 10.1069, 15.1677,
3.0110

■ 32.2680, 25.2475,
64.8026

■ 9.6391, 14.9357,
2.5758

■ 34.7807, 26.3624,
73.0698

Harmonies

Analogous

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



17.5528, 18.5223, 18.6085



17.2822, 18.5223, 18.8839



17.0996, 18.5223, 19.5038

Triad

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



17.2822, 18.5223, 18.8839



17.3715, 18.5223, 21.6645



18.1699, 18.5223, 20.0187

Complementary

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



17.2822, 18.5223, 18.8839



16.8577, 17.3999, 20.2403

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.



18.1201, 18.5223, 20.8464



17.2822, 18.5223, 18.8839



17.6571, 18.5223, 21.8115

Square

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



17.2822, 18.5223, 18.8839



17.1507, 18.5223, 21.1119



17.9316, 18.5223, 21.5083



18.0670, 18.5223, 19.2520

Rectangle

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



17.2822, 18.5223, 18.8839



17.0512, 18.5223, 20.0369



17.9316, 18.5223, 21.5083



18.1705, 18.5223, 20.2989

Sweetspot

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



17.2827, 18.5231, 18.8843



31.1490, 32.9205, 35.2820



17.2022, 17.9541, 18.7787



7.3864, 7.8038, 8.3736



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.2827, 18.5231, 18.8843



30.1712, 32.4748, 32.6007



16.9477, 18.3504, 18.8686



4.2784, 4.6119, 4.6050



10.2241, 16.1480, 2.5780



47.7900, 76.5221, 12.2514

Inverse Universe

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



16.8577, 17.3999, 20.2403



29.2582, 30.0619, 35.5135



17.1981, 17.5754, 20.2562



4.1406, 4.2476, 5.0448



5.0144, 2.1578, 19.5375



23.0138, 9.8260, 93.1534

Previews

White Background



This preview shows how the XYZ color 17.2822, 18.5223, 18.8839 looks on a white 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

Black Background



This preview shows how the XYZ color 17.2822, 18.5223, 18.8839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

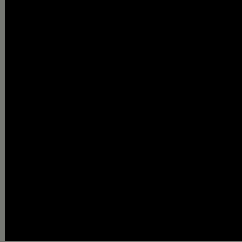
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.2822, 18.5223, 18.8839

Background



This preview shows how black text looks on a background with the XYZ color 17.2822, 18.5223, 18.8839.



This preview shows how white text looks on a background with the XYZ color 17.2822, 18.5223,

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

17.2822, 18.5223, 18.8839

Protanopia

17.6601, 18.5461, 18.5686

Deuteranopia

18.7988, 18.4280, 19.0891



Tritanopia

18.0549, 18.4822, 22.6945

Trichromacy



Original Color

17.2822, 18.5223, 18.8839

Protanomaly

17.5192, 18.4735, 18.5620

Deuteranomaly

18.2661, 18.4956, 19.1303

Tritanomaly

17.7797, 18.5457, 21.3815

Monochromacy



Original Color

17.2822, 18.5223, 18.8839

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4746, 18.4236, 19.7746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2822, 18.5223, 18.8839 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, 120, 115)` looks like.

```
.text, #text, p{  
    color:rgb(118, 120, 115)  
}
```

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, 120, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 120, 115) }
```

Border

The CSS property to change the border of an element to XYZ 17.2822, 18.5223, 18.8839 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, 120, 115) }
```


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

```
.border{ border-color:rgb(118, 120, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 120, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 120, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 120, 115);  
box-shadow:4px 4px 4px 4px rgb(118, 120,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2822, 18.5223, 18.8839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 120, 115) }
```

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

```
.background{ background-color: rgb(118,  
120, 115) }
```

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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