

Converting Colors

XYZ(17.8915, 18.3023, 20.1511)

Have a look what the booklet for
XYZ(17.8915, 18.3023, 20.1511)
contains.

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Color

**XYZ(17.8594, 18.2654,
20.0371)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7577
RGB	123, 117, 119
RGB Percent	48%, 46%, 47%
CMY	0.5176, 0.5412, 0.5333
CMYK	0.00, 0.05, 0.03, 0.52
HSL	340°, 2%, 47%
HSV	340°, 5%, 48%
XYZ	17.8594, 18.2654, 20.0371
YIQ	119.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

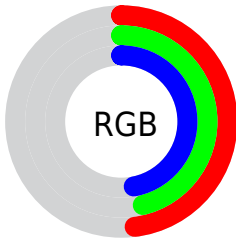
Format	Color
R _Y B	123, 117, 119
Decimal	8090999
CIE Lab	49.82, 2.69, -0.28
CIE LCh	50, 2.706, 353.995
Yxy	18.2654, 0.3180, 0.3252
Android (android.graphics.Color)	4286281079 (0xFF7B7577)
YUV	119.0220, -0.0108, 3.4887
Hunter-Lab	42.7380, -0.1999, 2.1194

Details

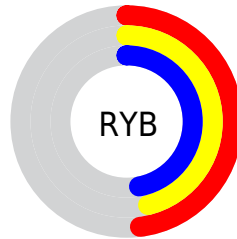
The XYZ color **17.8594, 18.2654, 20.0371** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8709, 19.3287, 20.8788**, and the grayscale version is **17.5413, 18.4548, 20.0973**.

A 20% lighter version of the original color is **39.2178, 40.4302, 44.2649**, and **6.0895, 6.1670, 6.8306** is the 20% darker color. If you saturate the color by 10%, you get **16.0480, 15.3970, 17.1070**, and if you desaturate by 10%, it is **19.9027, 21.5291, 23.2548**.

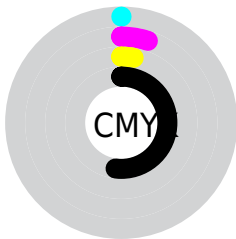
Distribution



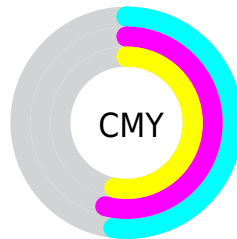
- Red (48%)
- Green (46%)
- Blue (47%)



- Red (48%)
- Yellow (46%)
- Blue (47%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (52%)



- Cyan (52%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8594, 18.2654, 20.0371 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 17.8594, 18.2654, 20.0371 by changing the saturation by 10% instead.

■ 17.8594, 18.2654,
20.0371

■ 17.8594, 18.2654,
20.0371

233.1383,
242.3627, 264.7268

■ 10.9482, 11.1407,
12.2377

■ 39.3296, 40.4890,
44.3392

■ 6.0990, 6.1616,
6.7813

■ 54.6192, 56.3568,
61.6789

■ 2.9466, 2.9436,
3.2493

■ 73.4324, 75.9076,
83.0358

■ 1.1256, 1.1023,
1.2233

96.1344, 99.5260,
108.8284

■ 0.0464, 0.0000,
0.0000

123.0906,
127.5963, 139.4752

■ 0.0000, 0.0000,
0.0000

154.6665,

160.5030, 175.3949

191.2272,
198.6303, 217.0059

■ 17.8594, 18.2654,
20.0371

■ 17.8594, 18.2654,
20.0371

■ 16.0480, 15.3970,
17.1070

■ 19.9027, 21.5291,
23.2548

■ 14.4586, 12.9065,
14.4552

■ 22.1843, 25.1998,
26.7665

■ 13.0828, 10.7786,
12.0736

■ 24.7122, 29.2919,
30.5801

■ 11.9111, 8.9964,
9.9534

■ 27.4936, 33.8181,
34.7028

■ 10.9334, 7.5413,
8.0851

■ 30.5354, 38.7909,
39.1414

■ 10.1385, 6.3930,
6.4588

■ 33.8443, 44.2220,
43.9027

■ 9.5140, 5.5291,
5.0637

■ 37.4266, 50.1228,
48.9931

■ 9.0461, 4.9240,
3.8881

■ 41.2885, 56.5043,
54.4188

■ 8.7140, 4.5387,
2.9176

■ 45.4361, 63.3770,
60.1861

Harmonies

Analogous

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



17.7656, 18.2654, 20.7359



17.8594, 18.2654, 20.0371



17.8185, 18.2654, 19.3150

Triad

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



17.8594, 18.2654, 20.0371



17.1595, 18.2654, 18.6164



17.0704, 18.2654, 21.0610

Complementary

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



17.8594, 18.2654, 20.0371



17.8709, 19.3287, 20.8788

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.



16.9109, 18.2654, 20.4720



17.8594, 18.2654, 20.0371



16.9620, 18.2654, 19.0633

Square

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



17.8594, 18.2654, 20.0371



17.4127, 18.2654, 18.5065



16.8714, 18.2654, 19.7395



17.3088, 18.2654, 21.3365

Rectangle

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



17.8594, 18.2654, 20.0371



17.7205, 18.2654, 18.9161



16.8714, 18.2654, 19.7395



17.0058, 18.2654, 20.8925

Sweetspot

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



17.8599, 18.2662, 20.0375



33.3415, 34.8753, 38.0391



17.8222, 18.2184, 21.3162



7.8587, 8.2237, 8.9687



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.8599, 18.2662, 20.0375



31.5471, 32.0180, 35.1864



17.8582, 18.4529, 19.4511



4.1683, 4.2254, 4.6448



8.8614, 4.5207, 2.5612



41.9123, 21.4213, 10.3345

Inverse Universe

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



17.8599, 18.2662, 20.0375



31.5471, 32.0180, 35.1864



17.8713, 19.1315, 21.4899



4.1683, 4.2254, 4.6448



8.8614, 4.5207, 2.5612



41.9123, 21.4213, 10.3345

Previews

White Background



This preview shows how the XYZ color 17.8594, 18.2654, 20.0371 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 17.8594, 18.2654, 20.0371 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 17.8594, 18.2654, 20.0371

Background



This preview shows how black text looks on a background with the XYZ color 17.8594, 18.2654, 20.0371.



This preview shows how white text looks on a background with the XYZ color 17.8594, 18.2654,

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

17.8594, 18.2654, 20.0371

Protanopia

17.6143, 18.3060, 20.3743

Deuteranopia

18.5138, 18.2605, 20.0016



Tritanopia

18.2592, 18.2565, 21.9635

Trichromacy



Original Color

17.8594, 18.2654, 20.0371

Protanomaly

17.7538, 18.3779, 20.3809

Deuteranomaly

18.3276, 18.3347, 20.0258

Tritanomaly

18.1327, 18.2059, 21.2973

Monochromacy



Original Color

17.8594, 18.2654, 20.0371

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.5539, 18.2818, 20.0563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8594, 18.2654, 20.0371 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(123, 117, 119)` looks like.

```
.text, #text, p{  
    color:rgb(123, 117, 119)  
}
```

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(123, 117, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 117, 119) }
```

Border

The CSS property to change the border of an element to XYZ 17.8594, 18.2654, 20.0371 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(123, 117, 119) }
```


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

```
.border{ border-color:rgb(123, 117, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 117, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 117, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 117, 119);  
box-shadow:4px 4px 4px 4px rgb(123, 117,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8594, 18.2654, 20.0371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 117, 119) }
```

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

```
.background{ background-color: rgb(123,  
117, 119) }
```

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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