

Converting Colors

XYZ(17.3622, 19.9663, 18.6656)

Have a look what the booklet for
XYZ(17.3622, 19.9663, 18.6656)
contains.

XYZ(17.3819, 20.0753, 18.5816)	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(17.3819, 20.0753,
18.5816)**

Conversions

Conversions Part 1

Format	Color
Hex	708071
RGB	112, 128, 113
RGB Percent	44%, 50%, 44%
CMY	0.5608, 0.4980, 0.5569
CMYK	0.13, 0.00, 0.12, 0.50
HSL	124°, 7%, 47%
HSV	124°, 13%, 50%
XYZ	17.3819, 20.0753, 18.5816
YIQ	121.5060, -4.7210, -8.0570

Conversions

Conversions Part 2

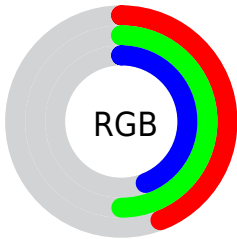
Format	Color
R_{YB}	112, 127, 128
Decimal	7372913
CIE Lab	51.92, -8.96, 6.17
CIE LCh	52, 10.881, 145.445
Yxy	20.0753, 0.3102, 0.3582
Android (android.graphics.Color)	4285562993 (0xFF708071)
YUV	121.5060, -4.1935, -8.3368
Hunter-Lab	44.8055, -9.1620, 6.7752

Details

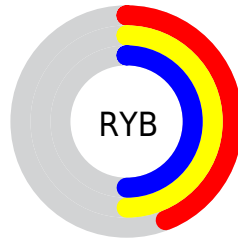
The XYZ color **17.3819, 20.0753, 18.5816** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.5277, 17.7103, 22.5215**, and the grayscale version is **18.3526, 19.3083, 21.0268**.

A 20% lighter version of the original color is **38.6252, 43.6569, 41.9882**, and **5.8645, 7.0636, 6.0553** is the 20% darker color. If you saturate the color by 10%, you get **15.2361, 19.0426, 15.1847**, and if you desaturate by 10%, it is **19.8498, 21.2648, 22.4608**.

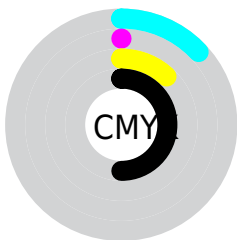
Distribution



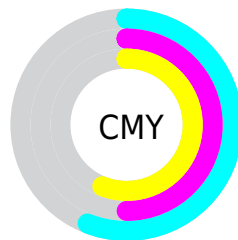
- Red (44%)
- Green (50%)
- Blue (44%)



- Red (44%)
- Yellow (50%)
- Blue (50%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (50%)



- Cyan (56%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3819, 20.0753, 18.5816 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 17.3819, 20.0753, 18.5816 by changing the saturation by 10% instead.

■ 17.3819, 20.0753,
18.5816

■ 17.3819, 20.0753,
18.5816

230.4772,
252.3225, 256.4744

■ 10.6041, 12.4498,
11.1946

■ 38.5196, 43.5434,
41.8531

■ 5.8666, 7.0508,
6.0821

■ 53.6103, 60.1548,
58.5747

■ 2.8040, 3.4939,
2.8255

■ 72.2027, 80.5302,
79.2450

■ 1.0510, 1.3947,
1.0062

■ 94.6621, 105.0541,
104.2824

■ 0.0000, 0.2128,
0.0000

121.3539,
134.1109, 134.1055

■ 0.0000, 0.0000,
0.0000

152.6434,

168.0850, 169.1328

188.8961,
207.3607, 209.7830

■ 17.3819, 20.0753,
18.5816

■ 17.3819, 20.0753,
18.5816

■ 15.2361, 19.0426,
15.1847

■ 19.8498, 21.2648,
22.4608

■ 13.3975, 18.1578,
12.2500

■ 22.6504, 22.6146,
26.8388

■ 11.8524, 17.4149,
9.7580

■ 25.7963, 24.1313,
31.7328

■ 10.5858, 16.8065,
7.6871

■ 29.2984, 25.8202,
37.1588

■ 9.5810, 16.3245,
6.0141

■ 33.1676, 27.6867,
43.1324

■ 8.8197, 15.9600,
4.7135

■ 37.4141, 29.7356,
49.6681

■ 8.2810, 15.7029,
3.7569

■ 42.0477, 31.9717,
56.7801

■ 7.9409, 15.5415,
3.1115

■ 47.0780, 34.3996,
64.4822

■ 7.7634, 15.4566,
2.8040

■ 52.5139, 37.0237,
72.7876

Harmonies

Analogous

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



18.1814, 20.0753, 16.8054



17.3819, 20.0753, 18.5816



17.0378, 20.0753, 21.3783

Triad

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



17.3819, 20.0753, 18.5816



18.9125, 20.0753, 28.5122



21.0673, 20.0753, 19.3439

Complementary

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



17.3819, 20.0753, 18.5816



18.5277, 17.7103, 22.5215

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.



21.2813, 20.0753, 22.3461



17.3819, 20.0753, 18.5816



20.0097, 20.0753, 27.8351

Square

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



17.3819, 20.0753, 18.5816



17.8995, 20.0753, 27.2704



20.8873, 20.0753, 25.4998



20.3133, 20.0753, 17.2147

Rectangle

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



17.3819, 20.0753, 18.5816



17.1029, 20.0753, 23.5217



20.8873, 20.0753, 25.4998



21.2060, 20.0753, 20.2758

Sweetspot

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



17.3825, 20.0762, 18.5820



34.2172, 37.0866, 38.3995



19.4268, 21.1365, 18.3854



7.9410, 8.6492, 8.8802



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.3825, 20.0762, 18.5820



29.4719, 34.8008, 30.9292



17.8408, 20.2595, 20.9957



4.2861, 4.8228, 4.6778



7.6978, 15.3257, 2.7813



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.5277, 17.7103, 22.5215



31.9004, 29.7840, 39.2825



18.0387, 17.5147, 19.9463



4.4869, 4.4079, 5.3686



12.1888, 5.8952, 18.1160



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.3819, 20.0753, 18.5816 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 17.3819, 20.0753, 18.5816 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

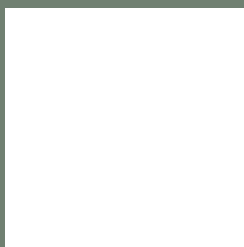
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3819, 20.0753, 18.5816

Background



This preview shows how black text looks on a background with the XYZ color 17.3819, 20.0753, 18.5816.

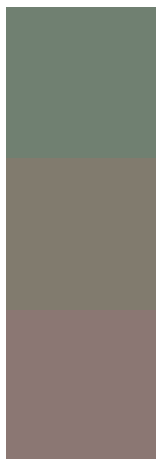


This preview shows how white text looks on a background with the XYZ color 17.3819, 20.0753,

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

17.3819, 20.0753, 18.5816

Protanopia

18.9507, 19.9588, 17.6055

Deuteranopia

20.3388, 19.9204, 18.9927



Tritanopia

18.9092, 20.1295, 25.8104

Trichromacy



Original Color

17.3819, 20.0753, 18.5816

Protanomaly

18.3712, 20.0259, 17.9360

Deuteranomaly

19.0501, 19.8011, 18.7375

Tritanomaly

18.3619, 20.0989, 22.9904

Monochromacy



Original Color

17.3819, 20.0753, 18.5816

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.0086, 19.5988, 20.2865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3819, 20.0753, 18.5816 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, 128, 113)` looks like.

```
.text, #text, p{  
    color:rgb(112, 128, 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(112, 128, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 128, 113) }
```

Border

The CSS property to change the border of an element to XYZ 17.3819, 20.0753, 18.5816 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, 128, 113) }
```


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

```
.border{ border-color:rgb(112, 128, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 128, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 128, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 128, 113);  
box-shadow:4px 4px 4px 4px rgb(112, 128,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3819, 20.0753, 18.5816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 128, 113) }
```

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

```
.background{ background-color: rgb(112,  
128, 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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