

Converting Colors

XYZ(15.8330, 19.6771, 20.6479)

Have a look what the booklet for
XYZ(15.8330, 19.6771, 20.6479)
contains.

XYZ(15.7864, 19.5966, 20.7198)	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(15.7864, 19.5966,
20.7198)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8278
RGB	92, 130, 120
RGB Percent	36%, 51%, 47%
CMY	0.6392, 0.4902, 0.5294
CMYK	0.29, 0.00, 0.08, 0.49
HSL	164°, 17%, 44%
HSV	164°, 29%, 51%
XYZ	15.7864, 19.5966, 20.7198
YIQ	117.4980, -19.4380, -11.1660

Conversions

Conversions Part 2

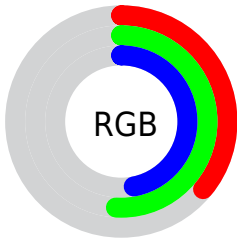
Format	Color
R_{YB}	92, 114, 130
Decimal	6062712
CIE _{Lab}	51.38, -15.58, 1.13
CIE _{LCh}	51, 15.620, 175.845
Yxy	19.5966, 0.2814, 0.3493
Android (android.graphics.Color)	4284252792 (0xFF5C8278)
YUV	117.4980, 1.2335, -22.3617
Hunter-Lab	44.2680, -13.8143, 3.2368

Details

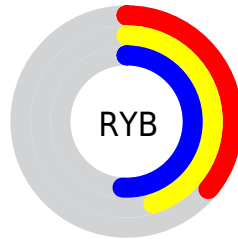
The XYZ color **15.7864, 19.5966, 20.7198** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.4320, 13.3599, 14.3365**, and the grayscale version is **17.0642, 17.9528, 19.5507**.

A 20% lighter version of the original color is **35.7076, 42.6852, 45.3868**, and **5.1508, 6.8882, 7.1890** is the 20% darker color. If you saturate the color by 10%, you get **14.3937, 18.9027, 19.5903**, and if you desaturate by 10%, it is **17.4105, 20.4100, 21.8998**.

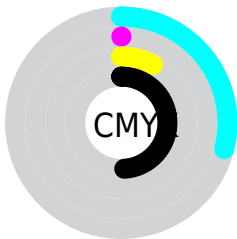
Distribution



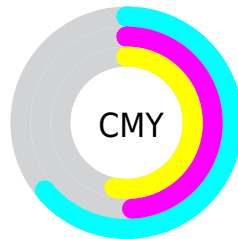
- Red (36%)
- Green (51%)
- Blue (47%)



- Red (36%)
- Yellow (45%)
- Blue (51%)



- Cyan (29%)
- Magenta (0%)
- Yellow (8%)
- Black (49%)



- Cyan (64%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7864, 19.5966, 20.7198 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 15.7864, 19.5966, 20.7198 by changing the saturation by 10% instead.

■ 15.7864, 19.5966,
20.7198

■ 15.7864, 19.5966,
20.7198

221.3732,
249.7228, 268.5176

■ 9.4630, 12.1022,
12.7301

■ 35.7874, 42.7398,
45.4955

■ 5.1039, 6.8133,
7.1144

■ 50.1958, 59.1574,
63.1185

■ 2.3437, 3.3456,
3.4542

■ 68.0299, 79.3181,
84.7897

■ 0.8169, 1.3147,
1.3310

■ 89.6550, 103.6063,
110.9277

■ 0.0000, 0.1526,
0.0870

115.4365,
132.4066, 141.9509

■ 0.0000, 0.0000,
0.0000

145.7399,

166.1031, 178.2779

180.9303,
205.0804, 220.3273

■ 15.7864, 19.5966,
20.7198

■ 15.7864, 19.5966,
20.7198

■ 14.3937, 18.9027,
19.5903

■ 17.4105, 20.4100,
21.8998

■ 13.2193, 18.3200,
18.5089

■ 19.2750, 21.3459,
23.1297

■ 12.2513, 17.8429,
17.4750

■ 21.3905, 22.4102,
24.4109

■ 11.4760, 17.4642,
16.4878

■ 23.7662, 23.6079,
25.7442

■ 10.8778, 17.1761,
15.5459

■ 26.4112, 24.9435,
27.1303

■ 10.4388, 16.9692,
14.6482

■ 29.3340, 26.4214,
28.5702

■ 10.1091, 16.8178,
13.7919

■ 32.5425, 28.0457,
30.0644

■ 10.0845, 16.8065,
13.7276

■ 36.0446, 29.8205,
31.6137

■ 39.8477, 31.7495,
33.2189

Harmonies

Analogous

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



16.2480, 19.5966, 16.8606



15.7864, 19.5966, 20.7198



16.0500, 19.5966, 25.3139

Triad

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



15.7864, 19.5966, 20.7198



19.9671, 19.5966, 30.0589



20.3648, 19.5966, 14.9778

Complementary

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



15.7864, 19.5966, 20.7198



15.4320, 13.3599, 14.3365

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.



21.4638, 19.5966, 17.8008



15.7864, 19.5966, 20.7198



21.2254, 19.5966, 26.5437

Square

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



15.7864, 19.5966, 20.7198



18.4091, 19.5966, 31.1247



21.7872, 19.5966, 21.9671



18.8446, 19.5966, 13.8526

Rectangle

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



15.7864, 19.5966, 20.7198



16.6099, 19.5966, 28.1276



21.7872, 19.5966, 21.9671



20.7990, 19.5966, 15.7386

Sweetspot

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



15.7870, 19.5974, 20.7202



33.9530, 37.5950, 40.7376



15.4096, 19.5713, 13.0910



7.5874, 8.4604, 9.1588



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.



15.7870, 19.5974, 20.7202



26.1465, 33.6857, 35.1730



15.2971, 17.5949, 23.7099



4.3996, 4.8682, 5.2756



9.6720, 16.1154, 13.1772



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.4320, 13.3599, 14.3365



25.4184, 20.8576, 22.0542



15.7790, 14.8005, 12.1507



4.3707, 4.3614, 4.7563



9.1094, 4.6635, 1.9001



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.7864, 19.5966, 20.7198 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 15.7864, 19.5966, 20.7198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

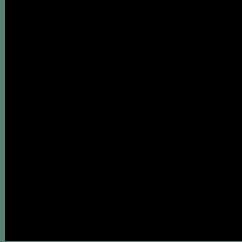
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.7864, 19.5966, 20.7198

Background



This preview shows how black text looks on a background with the XYZ color 15.7864, 19.5966, 20.7198.

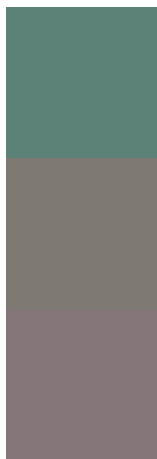


This preview shows how white text looks on a background with the XYZ color 15.7864, 19.5966,

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

15.7864, 19.5966, 20.7198

Protanopia

18.6582, 19.5925, 19.0180

Deuteranopia

19.6642, 19.3486, 21.1106



Tritanopia

17.0007, 19.5005, 26.9127

Trichromacy



Original Color

15.7864, 19.5966, 20.7198

Protanomaly

17.4839, 19.5290, 19.6776

Deuteranomaly

17.8819, 19.1511, 20.8432

Tritanomaly

16.5352, 19.5099, 24.3670

Monochromacy



Original Color

15.7864, 19.5966, 20.7198

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.4139, 18.4152, 19.8289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7864, 19.5966, 20.7198 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(92, 130, 120)` looks like.

```
.text, #text, p{  
    color:rgb(92, 130, 120)  
}
```

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(92, 130, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 130, 120) }
```

Border

The CSS property to change the border of an element to XYZ 15.7864, 19.5966, 20.7198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

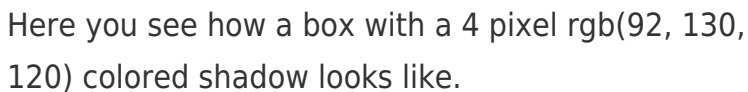
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(92, 130, 120) }
```


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

```
.border{ border-color:rgb(92, 130, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(92, 130, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 130, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 130, 120); box-shadow:4px 4px 4px 4px rgb(92, 130, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7864, 19.5966, 20.7198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 130, 120) }
```

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

```
.background{ background-color: rgb(92, 130,  
120) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor