

Converting Colors

XYZ(15.5870, 19.0784, 18.8244)

Have a look what the booklet for
XYZ(15.5870, 19.0784, 18.8244)
contains.

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Color

**XYZ(15.5803, 19.1400,
18.7928)**

Conversions

Conversions Part 1

Format	Color
Hex	608072
RGB	96, 128, 114
RGB Percent	38%, 50%, 45%
CMY	0.6235, 0.4980, 0.5529
CMYK	0.25, 0.00, 0.11, 0.50
HSL	154°, 14%, 44%
HSV	154°, 25%, 50%
XYZ	15.5803, 19.1400, 18.7928
YIQ	116.8360, -14.5780, -11.1380

Conversions

Conversions Part 2

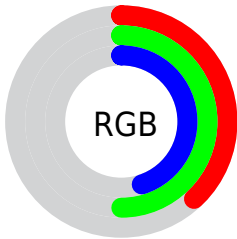
Format	Color
R _Y B	96, 116, 128
Decimal	6324338
CIE Lab	50.85, -14.51, 3.91
CIE LCh	51, 15.024, 164.933
Yxy	19.1400, 0.2911, 0.3577
Android (android.graphics.Color)	4284514418 (0xFF608072)
YUV	116.8360, -1.3981, -18.2732
Hunter-Lab	43.7493, -12.9926, 5.1561

Details

The XYZ color **15.5803, 19.1400, 18.7928** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.9001, 14.0812, 16.6326**, and the grayscale version is **16.8656, 17.7439, 19.3231**.

A 20% lighter version of the original color is **35.4394, 42.0040, 42.3161**, and **5.0460, 6.6383, 6.1696** is the 20% darker color. If you saturate the color by 10%, you get **14.0327, 18.3784, 17.1071**, and if you desaturate by 10%, it is **17.3678, 20.0240, 20.5924**.

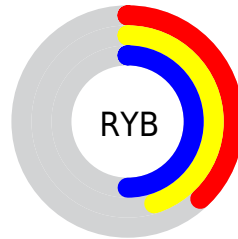
Distribution



Red (38%)

Green (50%)

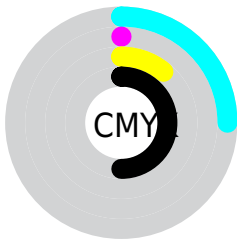
Blue (45%)



Red (38%)

Yellow (45%)

Blue (50%)

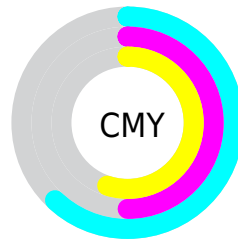


Cyan (25%)

Magenta (0%)

Yellow (11%)

Black (50%)



Cyan (62%)

Magenta (50%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5803, 19.1400, 18.7928 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 15.5803, 19.1400, 18.7928 by changing the saturation by 10% instead.

■ 15.5803, 19.1400,
18.7928

■ 15.5803, 19.1400,
18.7928

220.1717,
247.2206, 257.6870

■ 9.3166, 11.7715,
11.3454

■ 35.4314, 41.9705,
42.2157

■ 5.0070, 6.5883,
6.1825

■ 49.7495, 58.2013,
59.0283

■ 2.2862, 3.2060,
2.8858

■ 67.4832, 78.1550,
79.7996

■ 0.7876, 1.2402,
1.0366

■ 88.9977, 102.2160,
104.9483

■ 0.0000, 0.0942,
0.0000

114.6584,
130.7686, 134.8928

■ 0.0000, 0.0000,
0.0000

144.8308,

164.1973, 170.0517

179.8801,
202.8865, 210.8436

■ 15.5803, 19.1400,
18.7928

■ 15.5803, 19.1400,
18.7928

■ 14.0327, 18.3784,
17.1071

■ 17.3678, 20.0240,
20.5924

■ 12.7125, 17.7313,
15.5318

■ 19.4039, 21.0334,
22.5069

■ 11.6083, 17.1934,
14.0649

■ 21.6986, 22.1738,
24.5390

■ 10.7072, 16.7581,
12.7038

■ 24.2611, 23.4498,
26.6906

■ 9.9948, 16.4179,
11.4460

■ 27.1000, 24.8660,
28.9639

■ 9.4547, 16.1645,
10.2885

■ 30.2235, 26.4264,
31.3608

■ 9.0627, 15.9855,
9.2282

■ 33.6396, 28.1351,
33.8833

■ 8.8891, 15.9068,
8.7323

■ 37.3558, 29.9961,
36.5333

■ 41.3794, 32.0130,
39.3125

Harmonies

Analogous

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



16.2553, 19.1400, 15.5870



15.5803, 19.1400, 18.7928



15.5788, 19.1400, 23.0116

Triad

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



15.5803, 19.1400, 18.7928



18.9352, 19.1400, 29.7477



20.2817, 19.1400, 15.5981

Complementary

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



15.5803, 19.1400, 18.7928



15.9001, 14.0812, 16.6326

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.



21.0823, 19.1400, 18.8099



15.5803, 19.1400, 18.7928



20.2767, 19.1400, 27.1581

Square

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



15.5803, 19.1400, 18.7928



17.4623, 19.1400, 29.7415



21.0804, 19.1400, 23.0312



18.9417, 19.1400, 13.9199

Rectangle

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



15.5803, 19.1400, 18.7928



15.9575, 19.1400, 25.8637



21.0804, 19.1400, 23.0312



20.6260, 19.1400, 16.5133

Sweetspot

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



15.5808, 19.1408, 18.7932



32.9723, 36.4407, 38.5299



16.3114, 19.6244, 13.9948



7.6068, 8.4758, 8.9155



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.



15.5808, 19.1408, 18.7932



25.8302, 32.9098, 31.3739



16.2329, 19.0703, 23.2483



4.3694, 4.8561, 5.1164



8.8145, 15.7724, 8.6620



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.9001, 14.0812, 16.6326



26.4934, 22.4052, 26.8901



15.3443, 14.0949, 12.9785



4.3998, 4.3731, 4.9100



9.5356, 4.8339, 4.1444



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.5803, 19.1400, 18.7928 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 15.5803, 19.1400, 18.7928 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 15.5803, 19.1400, 18.7928

Background



This preview shows how black text looks on a background with the XYZ color 15.5803, 19.1400, 18.7928.

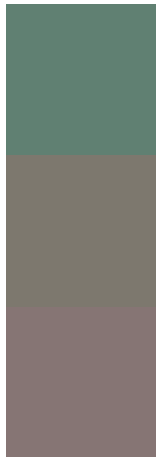


This preview shows how white text looks on a background with the XYZ color 15.5803, 19.1400,

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

15.5803, 19.1400, 18.7928

Protanopia

17.9884, 18.9187, 17.4554

Deuteranopia

19.3452, 19.0519, 19.1808



Tritanopia

16.9623, 19.1258, 25.7193

Trichromacy



Original Color

15.5803, 19.1400, 18.7928

Protanomaly

16.8916, 18.8910, 17.7950

Deuteranomaly

17.6776, 18.9056, 18.9371

Tritanomaly

16.4372, 19.1067, 22.9003

Monochromacy



Original Color

15.5803, 19.1400, 18.7928

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.2964, 18.1869, 19.1745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5803, 19.1400, 18.7928 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(96, 128, 114) looks like.

```
.text, #text, p{  
    color:rgb(96, 128, 114)  
}
```

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(96, 128, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 128, 114) }
```

Border

The CSS property to change the border of an element to XYZ 15.5803, 19.1400, 18.7928 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(96, 128, 114) }
```


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

```
.border{ border-color:rgb(96, 128, 114) }
```

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

Here you see how a box with a 4 pixel rgb(96, 128, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 128, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 128, 114);  
box-shadow:4px 4px 4px 4px rgb(96, 128,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5803, 19.1400, 18.7928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 128, 114) }
```

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

```
.background{ background-color: rgb(96, 128,  
114) }
```

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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