

Converting Colors

XYZ(15.5411, 18.9712, 21.1501)

Have a look what the booklet for
XYZ(15.5411, 18.9712, 21.1501)
contains.

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Color

**XYZ(15.6457, 19.1188,
21.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	5C807A
RGB	92, 128, 122
RGB Percent	36%, 50%, 48%
CMY	0.6392, 0.4980, 0.5216
CMYK	0.28, 0.00, 0.05, 0.50
HSL	170°, 16%, 43%
HSV	170°, 28%, 50%
XYZ	15.6457, 19.1188, 21.2780
YIQ	116.5520, -19.5300, -9.4980

Conversions

Conversions Part 2

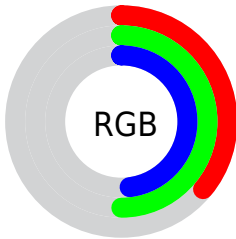
Format	Color
RYB	92, 112, 128
Decimal	6062202
CIELab	50.83, -14.02, -0.84
CIELCh	51, 14.044, 183.446
Yxy	19.1188, 0.2792, 0.3411
Android (android.graphics.Color)	4284252282 (0xFF5C807A)
YUV	116.5520, 2.6859, -21.5321
Hunter-Lab	43.7251, -12.6480, 1.7551

Details

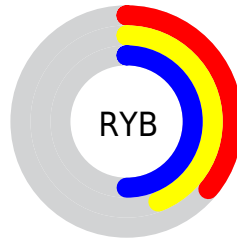
The XYZ color **15.6457, 19.1188, 21.2780** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.9346, 13.1260, 13.3026**, and the grayscale version is **16.7669, 17.6400, 19.2100**.

A 20% lighter version of the original color is **35.4915, 41.9434, 46.2697**, and **5.0373, 6.6085, 7.3134** is the 20% darker color. If you saturate the color by 10%, you get **14.3429, 18.4628, 20.5347**, and if you desaturate by 10%, it is **17.1686, 19.8889, 22.0476**.

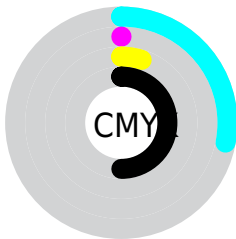
Distribution



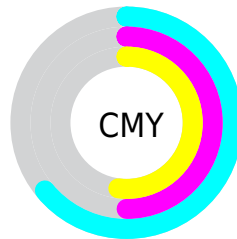
- Red (36%)
- Green (50%)
- Blue (48%)



- Red (36%)
- Yellow (44%)
- Blue (50%)



- Cyan (28%)
- Magenta (0%)
- Yellow (5%)
- Black (50%)



- Cyan (64%)
- Magenta (50%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6457, 19.1188, 21.2780 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 15.6457, 19.1188, 21.2780 by changing the saturation by 10% instead.

■ 15.6457, 19.1188,
21.2780

■ 15.6457, 19.1188,
21.2780

220.5536,
247.1038, 271.5817

■ 9.3630, 11.7562,
13.1341

■ 35.5445, 41.9347,
46.4365

■ 5.0377, 6.5779,
7.3892

■ 49.8913, 58.1568,
64.2883

■ 2.3044, 3.1995,
3.6245

■ 67.6568, 78.1009,
86.2131

■ 0.7969, 1.2368,
1.4217

■ 89.2065, 102.1512,
112.6295

■ 0.0000, 0.0914,
0.1586

114.9057,
130.6923, 143.9560

■ 0.0000, 0.0000,
0.0000

145.1197,

164.1085, 180.6111

180.2139,
202.7842, 223.0135

■ 15.6457, 19.1188,
21.2780

■ 15.6457, 19.1188,
21.2780

■ 14.3429, 18.4628,
20.5347

■ 17.1686, 19.8889,
22.0476

■ 13.2476, 17.9129,
19.8158

■ 18.9201, 20.7761,
22.8427

■ 12.3486, 17.4639,
19.1210

■ 20.9102, 21.7859,
23.6643

■ 11.6329, 17.1091,
18.4497

■ 23.1478, 22.9229,
24.5130

■ 11.0859, 16.8409,
17.8010

■ 25.6414, 24.1916,
25.3892

■ 10.6907, 16.6506,
17.1742

■ 28.3990, 25.5961,
26.2933

■ 10.4067, 16.5174,
16.5671

■ 31.4284, 27.1403,
27.2259

■ 10.3556, 16.4935,
16.4549

■ 34.7370, 28.8281,
28.1874

■ 38.3319, 30.6631,
29.1781

Harmonies

Analogous

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



15.8964, 19.1188, 17.5962



15.6457, 19.1188, 21.2780



16.0430, 19.1188, 25.3008

Triad

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



15.6457, 19.1188, 21.2780



19.6765, 19.1188, 27.8368



19.3862, 19.1188, 14.7233

Complementary

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



15.6457, 19.1188, 21.2780



14.9346, 13.1260, 13.3026

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.



20.4811, 19.1188, 16.8972



15.6457, 19.1188, 21.2780



20.6546, 19.1188, 24.4090

Square

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



15.6457, 19.1188, 21.2780



18.3321, 19.1188, 29.3776



20.9562, 19.1188, 20.3629



18.0126, 19.1188, 14.1056

Rectangle

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



15.6457, 19.1188, 21.2780



16.6343, 19.1188, 27.5503



20.9562, 19.1188, 20.3629



19.8013, 19.1188, 15.2814

Sweetspot

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



15.6462, 19.1196, 21.2784



33.2909, 36.5681, 40.2080



14.7536, 18.8420, 12.9850



7.6930, 8.5103, 9.3697



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.



15.6462, 19.1196, 21.2784



25.9771, 32.8703, 36.5858



14.6253, 16.4641, 22.8300



4.4166, 4.8750, 5.3651



10.2684, 16.3539, 16.3178



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.9346, 13.1260, 13.3026



24.5016, 20.4286, 20.0384



15.7247, 15.1428, 12.2198



4.3548, 4.3551, 4.6727



8.9648, 4.6056, 1.1384



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.6457, 19.1188, 21.2780 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 15.6457, 19.1188, 21.2780 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 15.6457, 19.1188, 21.2780

Background



This preview shows how black text looks on a background with the XYZ color 15.6457, 19.1188, 21.2780.



This preview shows how white text looks on a background with the XYZ color 15.6457, 19.1188,

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

15.6457, 19.1188, 21.2780

Protanopia

18.0957, 18.9282, 19.5294

Deuteranopia

19.3595, 19.0031, 21.7164



Tritanopia

16.6241, 19.1322, 26.1092

Trichromacy



Original Color

15.6457, 19.1188, 21.2780

Protanomaly

17.0948, 18.9426, 20.2081

Deuteranomaly

17.7486, 18.8867, 21.4489

Tritanomaly

16.3022, 19.1971, 24.3189

Monochromacy



Original Color

15.6457, 19.1188, 21.2780

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.3515, 18.1948, 20.1029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6457, 19.1188, 21.2780 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, 128, 122) looks like.

```
.text, #text, p{  
    color:rgb(92, 128, 122)  
}
```

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, 128, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 128, 122) }
```

Border

The CSS property to change the border of an element to XYZ 15.6457, 19.1188, 21.2780 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, 128, 122) }
```


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

```
.border{ border-color:rgb(92, 128, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 128, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 128, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 128, 122);  
box-shadow:4px 4px 4px 4px rgb(92, 128,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6457, 19.1188, 21.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 128, 122) }
```

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

```
.background{ background-color: rgb(92, 128,  
122) }
```

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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