

Converting Colors

XYZ(15.7701, 18.9698, 22.2641)

Have a look what the booklet for
XYZ(15.7701, 18.9698, 22.2641)
contains.

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Color

**XYZ(15.8052, 18.9866,
22.2338)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7F7D
RGB	93, 127, 125
RGB Percent	36%, 50%, 49%
CMY	0.6353, 0.5019, 0.5098
CMYK	0.27, 0.00, 0.02, 0.50
HSL	176°, 15%, 43%
HSV	176°, 27%, 50%
XYZ	15.8052, 18.9866, 22.2338
YIQ	116.6060, -19.6220, -7.8300

Conversions

Conversions Part 2

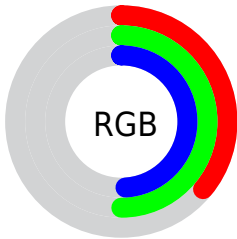
Format	Color
R_{YB}	93, 111, 127
Decimal	6127485
CIE Lab	50.67, -12.43, -2.82
CIE LCh	51, 12.742, 192.799
Yxy	18.9866, 0.2772, 0.3329
Android (android.graphics.Color)	4284317565 (0xFF5D7F7D)
YUV	116.6060, 4.1382, -20.7025
Hunter-Lab	43.5736, -11.5076, 0.2483

Details

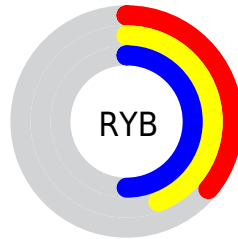
The XYZ color **15.8052, 18.9866, 22.2338** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.7329, 13.1674, 12.5922**, and the grayscale version is **16.7791, 17.6530, 19.2241**.

A 20% lighter version of the original color is **35.8587, 41.7862, 48.2951**, and **5.1111, 6.5285, 7.8282** is the 20% darker color. If you saturate the color by 10%, you get **14.5776, 18.3597, 21.9283**, and if you desaturate by 10%, it is **17.2478, 19.7252, 22.5520**.

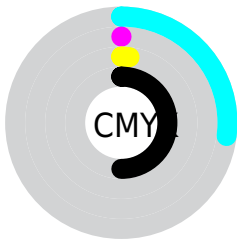
Distribution



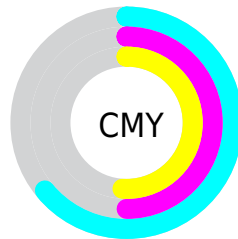
- Red (36%)
- Green (50%)
- Blue (49%)



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



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)
- Black (50%)



- Cyan (64%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8052, 18.9866, 22.2338 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 15.8052, 18.9866, 22.2338 by changing the saturation by 10% instead.

■ 15.8052, 18.9866,
22.2338

■ 15.8052, 18.9866,
22.2338

221.4825,
246.3748, 276.7580

■ 9.4764, 11.6606,
13.8288

■ 35.8199, 41.7115,
48.0392

■ 5.1128, 6.5130,
7.8643

■ 50.2364, 57.8791,
66.2768

■ 2.3490, 3.1595,
3.9217

■ 68.0796, 77.7627,
88.6290

■ 0.8196, 1.2155,
1.5825

■ 89.7148, 101.7468,
115.5143

■ 0.0000, 0.0743,
0.2783

115.5074,
130.2156, 147.3514

■ 0.0000, 0.0000,
0.0000

145.8226,

163.5536, 184.5586

181.0259,
202.1452, 227.5547

■ 15.8052, 18.9866,
22.2338

■ 15.8052, 18.9866,
22.2338

■ 14.5776, 18.3597,
21.9283

■ 17.2478, 19.7252,
22.5520

■ 13.5527, 17.8369,
21.6338

■ 18.9136, 20.5784,
22.8822

■ 12.7198, 17.4129,
21.3501

■ 20.8123, 21.5516,
23.2252

■ 12.0662, 17.0813,
21.0767

■ 22.9525, 22.6493,
23.5813

■ 11.5780, 16.8349,
20.8128

■ 25.3426, 23.8757,
23.9510

■ 11.2388, 16.6654,
20.5578

■ 27.9903, 25.2349,
24.3347

■ 11.0171, 16.5563,
20.3102

■ 30.9033, 26.7308,
24.7327

■ 10.9512, 16.5241,
20.2309

■ 34.0886, 28.3670,
25.1454

■ 37.5531, 30.1472,
25.5730

Harmonies

Analogous

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



15.8489, 18.9866, 18.7061



15.8052, 18.9866, 22.2338



16.3416, 18.9866, 25.7045

Triad

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



15.8052, 18.9866, 22.2338



19.7267, 18.9866, 26.1387



18.7654, 18.9866, 14.7770

Complementary

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



15.8052, 18.9866, 22.2338



14.7329, 13.1674, 12.5922

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.



19.8654, 18.9866, 16.3454



15.8052, 18.9866, 22.2338



20.4377, 18.9866, 22.7735

Square

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



15.8052, 18.9866, 22.2338



18.5832, 18.9866, 28.1276



20.4896, 18.9866, 19.1874



17.5196, 18.9866, 14.6680

Rectangle

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



15.8052, 18.9866, 22.2338



16.9710, 18.9866, 27.4100



20.4896, 18.9866, 19.1874



19.1658, 18.9866, 15.1419

Sweetspot

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



15.8058, 18.9874, 22.2342



33.4204, 36.6199, 40.8896



14.3127, 18.4171, 13.1566



7.7282, 8.5243, 9.5548



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.



15.8058, 18.9874, 22.2342



26.9411, 33.3041, 39.4839



14.1691, 15.5073, 22.3261



4.4358, 4.8827, 5.4664



11.0439, 16.6641, 20.4016



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.7329, 13.1674, 12.5922



24.6890, 21.0827, 19.2402



16.0633, 15.9719, 12.5924



4.3372, 4.3481, 4.5804



8.8682, 4.5670, 0.6297



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.8052, 18.9866, 22.2338 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 15.8052, 18.9866, 22.2338 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 15.8052, 18.9866, 22.2338

Background



This preview shows how black text looks on a background with the XYZ color 15.8052, 18.9866, 22.2338.



This preview shows how white text looks on a background with the XYZ color 15.8052, 18.9866,

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

15.8052, 18.9866, 22.2338

Protanopia

18.1937, 18.9510, 20.7882

Deuteranopia

19.2453, 18.9220, 22.7166



Tritanopia

16.4261, 18.8494, 25.6942

Trichromacy



Original Color

15.8052, 18.9866, 22.2338

Protanomaly

17.1514, 18.9506, 21.1662

Deuteranomaly

17.8057, 18.8941, 22.4471

Tritanomaly

16.1737, 18.9401, 24.2761

Monochromacy



Original Color

15.8052, 18.9866, 22.2338

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.4119, 18.2190, 20.4209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8052, 18.9866, 22.2338 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(93, 127, 125) looks like.

```
.text, #text, p{  
    color:rgb(93, 127, 125)  
}
```

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(93, 127, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 127, 125) }
```

Border

The CSS property to change the border of an element to XYZ 15.8052, 18.9866, 22.2338 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(93, 127, 125) }
```


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

```
.border{ border-color:rgb(93, 127, 125) }
```

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

Here you see how a box with a 4 pixel rgb(93, 127, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 127, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 127, 125);  
box-shadow:4px 4px 4px 4px rgb(93, 127,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8052, 18.9866, 22.2338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 127, 125) }
```

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

```
.background{ background-color: rgb(93, 127,  
125) }
```

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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