

Converting Colors

XYZ(15.2065, 18.8830, 18.8187)

Have a look what the booklet for
XYZ(15.2065, 18.8830, 18.8187)
contains.

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Color

**XYZ(15.2706, 18.9804,
18.7783)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8072
RGB	93, 128, 114
RGB Percent	36%, 50%, 45%
CMY	0.6353, 0.4980, 0.5529
CMYK	0.27, 0.00, 0.11, 0.50
HSL	156°, 16%, 43%
HSV	156°, 27%, 50%
XYZ	15.2706, 18.9804, 18.7783
YIQ	115.9390, -16.3660, -11.7740

Conversions

Conversions Part 2

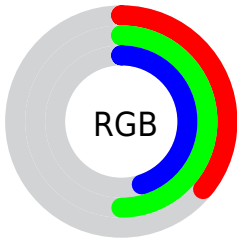
Format	Color
R_{YB}	93, 115, 128
Decimal	6127730
CIE Lab	50.66, -15.53, 3.61
CIE LCh	51, 15.944, 166.904
Yxy	18.9804, 0.2880, 0.3579
Android (android.graphics.Color)	4284317810 (0xFF5D8072)
YUV	115.9390, -0.9559, -20.1175
Hunter-Lab	43.5665, -13.6749, 4.9410

Details

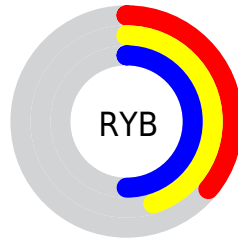
The XYZ color **15.2706, 18.9804, 18.7783** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.4709, 13.4798, 15.6971**, and the grayscale version is **16.5886, 17.4525, 19.0058**.

A 20% lighter version of the original color is **34.9084, 41.7302, 42.2913**, and **4.8615, 6.5432, 6.1610** is the 20% darker color. If you saturate the color by 10%, you get **13.7986, 18.2548, 17.2305**, and if you desaturate by 10%, it is **16.9768, 19.8259, 20.4230**.

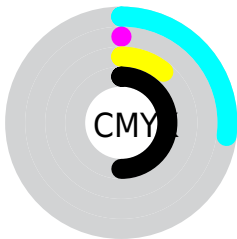
Distribution



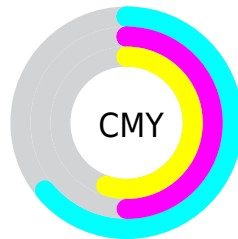
- Red (36%)
- Green (50%)
- Blue (45%)



- Red (36%)
- Yellow (45%)
- Blue (50%)



- Cyan (27%)
- Magenta (0%)
- Yellow (11%)
- Black (50%)



- Cyan (64%)
- Magenta (50%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2706, 18.9804, 18.7783 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 15.2706, 18.9804, 18.7783 by changing the saturation by 10% instead.

■ 15.2706, 18.9804,
18.7783

■ 15.2706, 18.9804,
18.7783

218.3543,
246.3405, 257.6039

■ 9.0971, 11.6561,
11.3350

■ 34.8950, 41.7010,
42.1908

■ 4.8622, 6.5100,
6.1756

■ 49.0765, 57.8661,
58.9972

■ 2.2005, 3.1576,
2.8817

■ 66.6581, 77.7469,
79.7616

■ 0.7430, 1.2145,
1.0345

■ 88.0051, 101.7278,
104.9026

■ 0.0000, 0.0735,
0.0000

113.4829,
130.1932, 134.8388

■ 0.0000, 0.0000,
0.0000

143.4568,

163.5276, 169.9888

178.2922,
202.1152, 210.7709

■ 15.2706, 18.9804,
18.7783

■ 15.2706, 18.9804,
18.7783

■ 13.7986, 18.2548,
17.2305

■ 16.9768, 19.8259,
20.4230

■ 12.5483, 17.6412,
15.7766

■ 18.9261, 20.7942,
22.1653

■ 11.5082, 17.1340,
14.4149

■ 21.1285, 21.8911,
24.0072

■ 10.6651, 16.7266,
13.1433

■ 23.5933, 23.1213,
25.9506

■ 10.0042, 16.4115,
11.9597

■ 26.3290, 24.4891,
27.9971

■ 9.5087, 16.1798,
10.8619

■ 29.3440, 25.9989,
30.1483

■ 9.1429, 16.0133,
9.8464

■ 32.6461, 27.6547,
32.4058

■ 9.0520, 15.9720,
9.5896

■ 36.2429, 29.4603,
34.7711

■ 40.1418, 31.4195,
37.2457

Harmonies

Analogous

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



15.9351, 18.9804, 15.3297



15.2706, 18.9804, 18.7783



15.3169, 18.9804, 23.2694

Triad

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



15.2706, 18.9804, 18.7783



18.9276, 18.9804, 30.0358



20.1708, 18.9804, 15.0010

Complementary

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



15.2706, 18.9804, 18.7783



15.4709, 13.4798, 15.6971

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.



21.0688, 18.9804, 18.2652



15.2706, 18.9804, 18.7783



20.3232, 18.9804, 27.1170

Square

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



15.2706, 18.9804, 18.7783



17.3684, 18.9804, 30.2260



21.1262, 18.9804, 22.6771



18.7293, 18.9804, 13.3705

Rectangle

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



15.2706, 18.9804, 18.7783



15.7439, 18.9804, 26.2729



21.1262, 18.9804, 22.6771



20.5498, 18.9804, 15.9203

Sweetspot

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



15.2711, 18.9812, 18.7787



33.0158, 36.4581, 38.7594



15.8293, 19.3916, 13.2648



7.6186, 8.4805, 8.9775



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.



15.2711, 18.9812, 18.7787



25.1770, 32.5742, 31.2937



15.7552, 18.5748, 23.1779



4.3758, 4.8587, 5.1503



8.9759, 15.8370, 9.5120



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.4709, 13.4798, 15.6971



25.5927, 21.1519, 24.8999



15.0537, 13.7305, 12.2129



4.3935, 4.3706, 4.8766



9.4247, 4.7896, 3.5601



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.2706, 18.9804, 18.7783 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 15.2706, 18.9804, 18.7783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

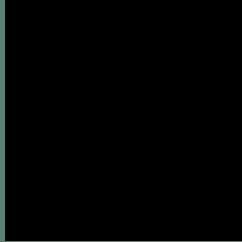
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.2706, 18.9804, 18.7783

Background



This preview shows how black text looks on a background with the XYZ color 15.2706, 18.9804, 18.7783.

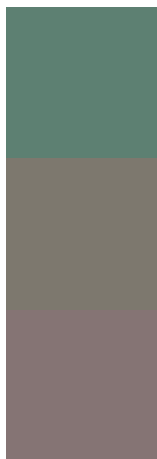


This preview shows how white text looks on a background with the XYZ color 15.2706, 18.9804,

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

15.2706, 18.9804, 18.7783

Protanopia

17.9884, 18.9187, 17.4554

Deuteranopia

19.0706, 18.7383, 19.1347



Tritanopia

16.6366, 18.9579, 25.7041

Trichromacy



Original Color

15.2706, 18.9804, 18.7783

Protanomaly

16.7623, 18.8243, 17.7889

Deuteranomaly

17.2822, 18.5223, 18.8839

Tritanomaly

16.1155, 18.9408, 22.8852

Monochromacy



Original Color

15.2706, 18.9804, 18.7783

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.9953, 17.8589, 18.8237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2706, 18.9804, 18.7783 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, 128, 114) looks like.

```
.text, #text, p{  
    color:rgb(93, 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(93, 128, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 128, 114) }
```

Border

The CSS property to change the border of an element to XYZ 15.2706, 18.9804, 18.7783 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, 128, 114) }
```


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

```
.border{ border-color:rgb(93, 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(93, 128, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 128, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 128, 114);  
box-shadow:4px 4px 4px 4px rgb(93, 128,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2706, 18.9804, 18.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 128, 114) }
```

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

```
.background{ background-color: rgb(93, 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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