

Converting Colors

XYZ(15.3238, 18.8414, 21.9455)

Have a look what the booklet for
XYZ(15.3238, 18.8414, 21.9455)
contains.

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Color

**XYZ(15.3818, 18.9683,
21.9193)**

Conversions

Conversions Part 1

Format	Color
Hex	58807C
RGB	88, 128, 124
RGB Percent	35%, 50%, 49%
CMY	0.6549, 0.4980, 0.5137
CMYK	0.31, 0.00, 0.03, 0.50
HSL	174°, 19%, 42%
HSV	174°, 31%, 50%
XYZ	15.3818, 18.9683, 21.9193
YIQ	115.5840, -22.5560, -9.7240

Conversions

Conversions Part 2

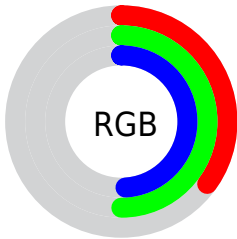
Format	Color
R_{YB}	88, 109, 128
Decimal	5800060
CIE _{Lab}	50.65, -14.81, -2.30
CIE _{LCh}	51, 14.988, 188.834
Yxy	18.9683, 0.2734, 0.3371
Android (android.graphics.Color)	4283990140 (0xFF58807C)
YUV	115.5840, 4.1491, -24.1912
Hunter-Lab	43.5526, -13.1749, 0.6472

Details

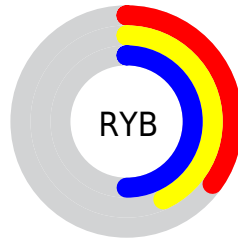
The XYZ color **15.3818, 18.9683, 21.9193** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.3243, 12.3420, 11.7533**, and the grayscale version is **16.4664, 17.3239, 18.8658**.

A 20% lighter version of the original color is **35.0078, 41.6713, 47.2726**, and **4.9411, 6.5511, 7.6607** is the 20% darker color. If you saturate the color by 10%, you get **14.1946, 18.3661, 21.4441**, and if you desaturate by 10%, it is **16.7839, 19.6822, 22.4109**.

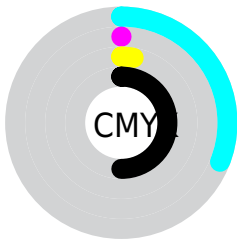
Distribution



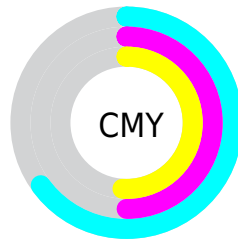
- Red (35%)
- Green (50%)
- Blue (49%)



- Red (35%)
- Yellow (43%)
- Blue (50%)



- Cyan (31%)
- Magenta (0%)
- Yellow (3%)
- Black (50%)



- Cyan (65%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3818, 18.9683, 21.9193 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 15.3818, 18.9683, 21.9193 by changing the saturation by 10% instead.

■ 15.3818, 18.9683,
21.9193

■ 15.3818, 18.9683,
21.9193

219.0085,
246.2737, 275.0643

■ 9.1758, 11.6474,
13.5999

■ 35.0878, 41.6805,
47.5131

■ 4.9141, 6.5040,
7.7073

■ 49.3185, 57.8406,
65.6245

■ 2.2312, 3.1539,
3.8232

■ 66.9549, 77.7159,
87.8369

■ 0.7591, 1.2126,
1.5289

■ 88.3622, 101.6907,
114.5690

■ 0.0000, 0.0720,
0.2393

■ 113.9059,
130.1495, 146.2393

■ 0.0000, 0.0000,
0.0000

143.9512,

163.4767, 183.2662

178.8637,
202.0566, 226.0684

■ 15.3818, 18.9683,
21.9193

■ 15.3818, 18.9683,
21.9193

■ 14.1946, 18.3661,
21.4441

■ 16.7839, 19.6822,
22.4109

■ 13.2096, 17.8675,
20.9834

■ 18.4096, 20.5107,
22.9180

■ 12.4152, 17.4670,
20.5371

■ 20.2691, 21.4597,
23.4416

■ 11.7978, 17.1576,
20.1046

■ 22.3715, 22.5337,
23.9821

■ 11.3424, 16.9317,
19.6850

■ 24.7254, 23.7373,
24.5400

■ 11.0311, 16.7799,
19.2775

■ 27.3390, 25.0746,
25.1156

■ 10.8254, 16.6813,
18.9285

■ 30.2200, 26.5497,
25.7093

■ 33.3760, 28.1663,
26.3215

■ 36.8141, 29.9283,
26.9526

Harmonies

Analogous

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



15.5234, 18.9683, 17.8706



15.3818, 18.9683, 21.9193



15.9189, 18.9683, 26.1465

Triad

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



15.3818, 18.9683, 21.9193



19.8567, 18.9683, 27.6095



19.0670, 18.9683, 13.9966

Complementary

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



15.3818, 18.9683, 21.9193



14.3243, 12.3420, 11.7533

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.



20.3174, 18.9683, 15.9889



15.3818, 18.9683, 21.9193



20.7903, 18.9683, 23.7108

Square

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



15.3818, 18.9683, 21.9193



18.4656, 18.9683, 29.7120



20.9633, 18.9683, 19.4369



17.5989, 18.9683, 13.6528

Rectangle

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



15.3818, 18.9683, 21.9193



16.6076, 18.9683, 28.3686



20.9633, 18.9683, 19.4369



19.5289, 18.9683, 14.4814

Sweetspot

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



15.3823, 18.9691, 21.9197



33.0464, 36.4346, 40.5349



13.9618, 18.4535, 12.0590



7.6453, 8.4835, 9.4636



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.



15.3823, 18.9691, 21.9197



25.6604, 32.6746, 38.0357



13.7894, 15.3699, 22.6628



4.4285, 4.8797, 5.4276



10.7340, 16.5402, 18.7696



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.3243, 12.3420, 11.7533



23.5114, 19.2039, 17.3791



15.5477, 15.0614, 11.3207



4.3439, 4.3507, 4.6155



8.8981, 4.5789, 0.7874



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.3818, 18.9683, 21.9193 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 15.3818, 18.9683, 21.9193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

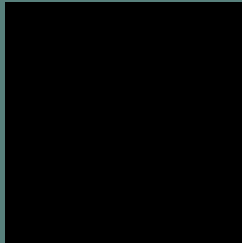
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

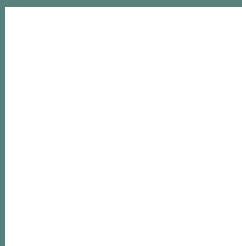
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3818, 18.9683, 21.9193

Background



This preview shows how black text looks on a background with the XYZ color 15.3818, 18.9683, 21.9193.



This preview shows how white text looks on a background with the XYZ color 15.3818, 18.9683,

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

15.3818, 18.9683, 21.9193

Protanopia

18.0723, 18.9024, 20.1488

Deuteranopia

19.1804, 18.8961, 22.3750



Tritanopia

16.2192, 18.9234, 26.0903

Trichromacy



Original Color

15.3818, 18.9683, 21.9193

Protanomaly

16.9646, 18.8614, 20.8356

Deuteranomaly

17.4785, 18.7328, 22.0966

Tritanomaly

15.9707, 19.0183, 24.6590

Monochromacy



Original Color

15.3818, 18.9683, 21.9193

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.9901, 17.8290, 20.0513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3818, 18.9683, 21.9193 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(88, 128, 124) looks like.

```
.text, #text, p{  
  color:rgb(88, 128, 124)  
}
```

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(88, 128, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 128, 124) }
```

Border

The CSS property to change the border of an element to XYZ 15.3818, 18.9683, 21.9193 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(88, 128, 124) }
```


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

```
.border{ border-color:rgb(88, 128, 124) }
```

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

Here you see how a box with a 4 pixel rgb(88, 128, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 128, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 128, 124);  
box-shadow:4px 4px 4px 4px rgb(88, 128,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3818, 18.9683, 21.9193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 128, 124) }
```

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

```
.background{ background-color: rgb(88, 128,  
124) }
```

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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