

Converting Colors

XYZ(16.9512, 18.4886, 21.1200)

Have a look what the booklet for
XYZ(16.9512, 18.4886, 21.1200)
contains.

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Color

**XYZ(16.9058, 18.4594,
21.0843)**

Conversions

Conversions Part 1

Format	Color
Hex	6F797A
RGB	111, 121, 122
RGB Percent	44%, 47%, 48%
CMY	0.5647, 0.5255, 0.5216
CMYK	0.09, 0.01, 0.00, 0.52
HSL	185°, 5%, 46%
HSV	185°, 9%, 48%
XYZ	16.9058, 18.4594, 21.0843
YIQ	118.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

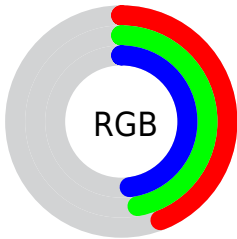
Format	Color
R_{YB}	111, 116, 122
Decimal	7305594
CIE _{Lab}	50.05, -3.50, -1.83
CIE _{LCh}	50, 3.951, 207.610
Yxy	18.4594, 0.2995, 0.3270
Android (android.graphics.Color)	4285495674 (0xFF6F797A)
YUV	118.1240, 1.9109, -6.2477
Hunter-Lab	42.9644, -4.9508, 0.9792

Details

The XYZ color **16.9058, 18.4594, 21.0843** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6896, 16.8736, 17.4166**, and the grayscale version is **17.2548, 18.1534, 19.7690**.

A 20% lighter version of the original color is **37.6878, 40.7297, 45.9196**, and **5.6350, 6.3029, 7.2229** is the 20% darker color. If you saturate the color by 10%, you get **15.3408, 17.4545, 20.9731**, and if you desaturate by 10%, it is **18.6831, 19.5770, 21.2066**.

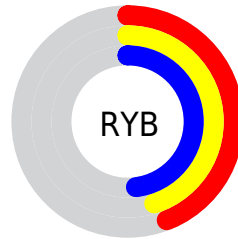
Distribution



Red (44%)

Green (47%)

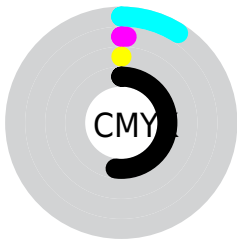
Blue (48%)



Red (44%)

Yellow (45%)

Blue (48%)

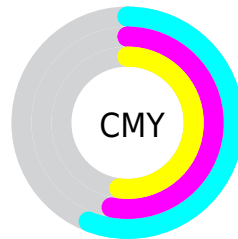


Cyan (9%)

Magenta (1%)

Yellow (0%)

Black (52%)



Cyan (56%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9058, 18.4594, 21.0843 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 16.9058, 18.4594, 21.0843 by changing the saturation by 10% instead.

■ 16.9058, 18.4594,
21.0843

■ 16.9058, 18.4594,
21.0843

227.7958,
243.4479, 270.5219

■ 10.2622, 11.2803,
12.9938

■ 37.7086, 40.8186,
46.1104

■ 5.6368, 6.2557,
7.2936

■ 52.5986, 56.7675,
63.8831

■ 2.6640, 3.0012,
3.5652

■ 70.9681, 76.4084,
85.7202

■ 0.9787, 1.1324,
1.3900

■ 93.1825, 100.1258,
112.0404

■ 0.0000, 0.0054,
0.1339

119.6071,
128.3041, 143.2621

■ 0.0000, 0.0000,
0.0000

150.6073,

161.3276, 179.8039

186.5484,
199.5807, 222.0843

■ 16.9058, 18.4594,
21.0843

■ 16.9058, 18.4594,
21.0843

■ 15.3408, 17.4545,
20.9731

■ 18.6831, 19.5770,
21.2066

■ 13.9780, 16.5557,
20.8715

■ 20.6792, 20.8092,
21.3393

■ 12.8090, 15.7591,
20.7793

■ 22.9020, 22.1605,
21.4829

■ 11.8240, 15.0596,
20.6962

■ 25.3587, 23.6348,
21.6380

■ 11.0126, 14.4518,
20.6217

■ 28.0563, 25.2355,
21.8048

■ 10.3631, 13.9297,
20.5551

■ 31.0013, 26.9662,
21.9836

■ 9.8623, 13.4866,
20.4960

■ 34.2001, 28.8299,
22.1748

■ 9.4953, 13.1147,
20.4435

■ 37.6587, 30.8300,
22.3786

■ 9.2168, 12.7906,
20.3957

■ 41.3831, 32.9695,
22.5952

Harmonies

Analogous

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



16.8254, 18.4594, 20.0121



16.9058, 18.4594, 21.0843



17.1567, 18.4594, 21.9178

Triad

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



16.9058, 18.4594, 21.0843



18.1691, 18.4594, 21.2406



17.5756, 18.4594, 18.0807

Complementary

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



16.9058, 18.4594, 21.0843



16.6896, 16.8736, 17.4166

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.



17.9393, 18.4594, 18.3840



16.9058, 18.4594, 21.0843



18.2850, 18.4594, 20.1865

Square

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



16.9058, 18.4594, 21.0843



17.8858, 18.4594, 22.0103



18.2003, 18.4594, 19.1452



17.2088, 18.4594, 18.3019

Rectangle

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



16.9058, 18.4594, 21.0843



17.3889, 18.4594, 22.2123



18.2003, 18.4594, 19.1452



17.7023, 18.4594, 18.1245

Sweetspot

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



16.9063, 18.4602, 21.0847



31.5551, 33.6203, 37.2191



16.4354, 18.4669, 18.0035



7.1636, 7.6550, 8.5067



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.9063, 18.4602, 21.0847



29.0915, 32.0619, 37.0482



16.2662, 17.1800, 20.8713



4.0775, 4.4533, 5.0878



9.6723, 13.4269, 21.4672



45.8125, 63.3976, 102.2922

Inverse Universe

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



17.1621, 16.8874, 20.4451



29.6473, 28.6613, 35.6544



17.3055, 18.1055, 17.6219



4.1396, 4.0715, 4.9326



11.4654, 5.5623, 16.2737



54.5272, 26.4672, 76.7632

Previews

White Background



This preview shows how the XYZ color 16.9058, 18.4594, 21.0843 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 16.9058, 18.4594, 21.0843 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

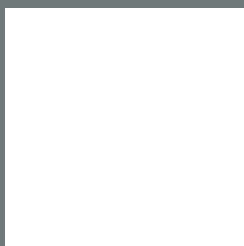
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.9058, 18.4594, 21.0843

Background



This preview shows how black text looks on a background with the XYZ color 16.9058, 18.4594, 21.0843.



This preview shows how white text looks on a background with the XYZ color 16.9058, 18.4594,

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

16.9058, 18.4594, 21.0843

Protanopia

17.7538, 18.3779, 20.3809

Deuteranopia

18.6080, 18.2807, 21.2867



Tritanopia

17.3610, 18.4627, 23.4175

Trichromacy



Original Color

16.9058, 18.4594, 21.0843

Protanomaly

17.3841, 18.3560, 20.7160

Deuteranomaly

17.9625, 18.2902, 21.3225

Tritanomaly

17.1645, 18.3840, 22.3825

Monochromacy



Original Color

16.9058, 18.4594, 21.0843

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.9968, 18.1704, 20.0642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9058, 18.4594, 21.0843 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(111, 121, 122)` looks like.

```
.text, #text, p{  
    color:rgb(111, 121, 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(111, 121, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 121, 122) }
```

Border

The CSS property to change the border of an element to XYZ 16.9058, 18.4594, 21.0843 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(111, 121, 122) }
```


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

```
.border{ border-color:rgb(111, 121, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 121, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 121, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 121, 122);  
box-shadow:4px 4px 4px 4px rgb(111, 121,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9058, 18.4594, 21.0843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 121, 122) }
```

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

```
.background{ background-color: rgb(111,  
121, 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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