

Converting Colors

XYZ(16.8908, 18.8426, 19.9816)

Have a look what the booklet for
XYZ(16.8908, 18.8426, 19.9816)
contains.

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Color

**XYZ(16.9085, 18.8534,
19.8874)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7B76
RGB	111, 123, 118
RGB Percent	44%, 48%, 46%
CMY	0.5647, 0.5176, 0.5373
CMYK	0.10, 0.00, 0.04, 0.52
HSL	155°, 5%, 46%
HSV	155°, 10%, 48%
XYZ	16.9085, 18.8534, 19.8874
YIQ	118.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

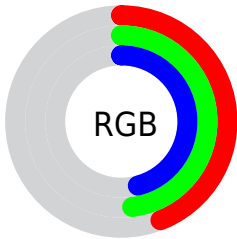
Format	Color
R_{YB}	111, 119, 123
Decimal	7306102
CIE _{Lab}	50.52, -5.50, 1.21
CIE _{LCh}	51, 5.628, 167.628
Yxy	18.8534, 0.3038, 0.3388
Android (android.graphics.Color)	4285496182 (0xFF6F7B76)
YUV	118.8420, -0.4151, -6.8774
Hunter-Lab	43.4205, -6.4757, 3.2384

Details

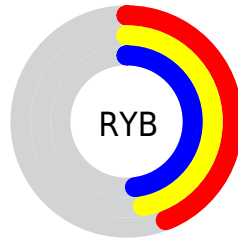
The XYZ color **16.9085, 18.8534, 19.8874** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.0059, 16.8413, 18.8783**, and the grayscale version is **17.4876, 18.3983, 20.0357**.

A 20% lighter version of the original color is **37.6899, 41.3488, 44.0248**, and **5.6042, 6.3965, 6.7336** is the 20% darker color. If you saturate the color by 10%, you get **15.1698, 17.9919, 18.2590**, and if you desaturate by 10%, it is **18.8780, 19.8331, 21.6138**.

Distribution



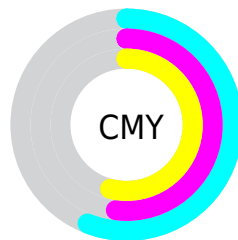
- Red (44%)
- Green (48%)
- Blue (46%)



- Red (44%)
- Yellow (47%)
- Blue (48%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (52%)



- Cyan (56%)
- Magenta (52%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9085, 18.8534, 19.8874 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 16.9085, 18.8534, 19.8874 by changing the saturation by 10% instead.

■ 16.9085, 18.8534,
19.8874

■ 16.9085, 18.8534,
19.8874

227.8111,
245.6383, 263.8889

■ 10.2642, 11.5644,
12.1300

■ 37.7132, 41.4862,
44.0848

■ 5.6381, 6.4478,
6.7086

■ 52.6044, 57.5989,
61.3619

■ 2.6648, 3.1192,
3.2049

■ 70.9751, 77.4215,
82.6492

■ 0.9791, 1.1943,
1.2002

■ 93.1909, 101.3385,
108.3653

■ 0.0000, 0.0570,
0.0000

119.6170,
129.7343, 138.9288

■ 0.0000, 0.0000,
0.0000

150.6189,

162.9932, 174.7582

186.5618,
201.4997, 216.2721

■ 16.9085, 18.8534,
19.8874

■ 16.9085, 18.8534,
19.8874

■ 15.1698, 17.9919,
18.2590

■ 18.8780, 19.8331,
21.6138

■ 13.6514, 17.2415,
16.7256

■ 21.0850, 20.9327,
23.4388

■ 12.3443, 16.5981,
15.2858

■ 23.5382, 22.1573,
25.3643

■ 11.2382, 16.0566,
13.9377

■ 26.2451, 23.5107,
27.3921

■ 10.3221, 15.6112,
12.6792

■ 29.2130, 24.9966,
29.5237

■ 9.5837, 15.2557,
11.5084

■ 32.4489, 26.6186,
31.7606

■ 9.0091, 14.9830,
10.4231

■ 35.9594, 28.3801,
34.1044

■ 8.5826, 14.7848,
9.4207

■ 39.7510, 30.2844,
36.5565

■ 8.2523, 14.6346,
8.4974

■ 43.8301, 32.3347,
39.1184

Harmonies

Analogous

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



17.1513, 18.8534, 18.5580



16.9085, 18.8534, 19.8874



16.9326, 18.8534, 21.4570

Triad

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



16.9085, 18.8534, 19.8874



18.2410, 18.8534, 23.5452



18.6402, 18.8534, 18.3754

Complementary

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



16.9085, 18.8534, 19.8874



17.0059, 16.8413, 18.8783

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.



18.9442, 18.8534, 19.6265



16.9085, 18.8534, 19.8874



18.7105, 18.8534, 22.6330

Square

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



16.9085, 18.8534, 19.8874



17.6944, 18.8534, 23.6238



18.9702, 18.8534, 21.1825



18.1466, 18.8534, 17.7155

Rectangle

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



16.9085, 18.8534, 19.8874



17.0968, 18.8534, 22.4291



18.9702, 18.8534, 21.1825



18.7684, 18.8534, 18.7378

Sweetspot

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



16.9090, 18.8542, 19.8878



32.5882, 34.9094, 37.6586



17.1819, 19.0412, 17.8089



7.6135, 8.1911, 8.8157



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.9090, 18.8542, 19.8878



29.4497, 33.3502, 34.8558



17.1154, 18.7786, 21.4623



4.0397, 4.4855, 4.7430



8.5257, 15.1340, 8.7534



40.2370, 72.0178, 39.4816

Inverse Universe

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



17.0059, 16.8413, 18.8783



29.6647, 28.8833, 32.6157



16.8103, 16.9034, 17.4159



4.0611, 4.0402, 4.5197



9.0717, 4.6048, 3.6684



42.8688, 21.8039, 15.3712

Previews

White Background



This preview shows how the XYZ color 16.9085, 18.8534, 19.8874 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 16.9085, 18.8534, 19.8874 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

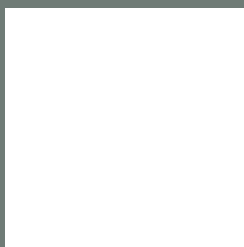
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.9085, 18.8534, 19.8874

Background



This preview shows how black text looks on a background with the XYZ color 16.9085, 18.8534, 19.8874.



This preview shows how white text looks on a background with the XYZ color 16.9085, 18.8534,

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

16.9085, 18.8534, 19.8874

Protanopia

18.0372, 18.9048, 19.2213

Deuteranopia

19.0909, 18.7282, 20.0615



Tritanopia

17.7442, 18.8241, 24.1709

Trichromacy



Original Color

16.9085, 18.8534, 19.8874

Protanomaly

17.6560, 18.8810, 19.5435

Deuteranomaly

18.2388, 18.8106, 20.1223

Tritanomaly

17.4075, 18.8702, 22.4635

Monochromacy



Original Color

16.9085, 18.8534, 19.8874

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.2487, 18.4779, 20.1102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9085, 18.8534, 19.8874 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, 123, 118)` looks like.

```
.text, #text, p{  
    color:rgb(111, 123, 118)  
}
```

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, 123, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 123, 118) }
```

Border

The CSS property to change the border of an element to XYZ 16.9085, 18.8534, 19.8874 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, 123, 118) }
```


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

```
.border{ border-color:rgb(111, 123, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 123, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 123, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 123, 118);  
box-shadow:4px 4px 4px 4px rgb(111, 123,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9085, 18.8534, 19.8874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 123, 118) }
```

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

```
.background{ background-color: rgb(111,  
123, 118) }
```

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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