

Converting Colors

XYZ(16.6600, 18.5421, 19.8404)

Have a look what the booklet for
XYZ(16.6600, 18.5421, 19.8404)
contains.

XYZ(16.6600, 18.5421, 19.8404)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.6600, 18.5421,
19.8404)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7A76
RGB	110, 122, 118
RGB Percent	43%, 48%, 46%
CMY	0.5686, 0.5216, 0.5373
CMYK	0.10, 0.00, 0.03, 0.52
HSL	160°, 5%, 45%
HSV	160°, 10%, 48%
XYZ	16.6600, 18.5421, 19.8404
YIQ	117.9560, -5.8680, -3.7880

Conversions

Conversions Part 2

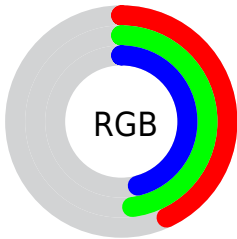
Format	Color
R_{YB}	110, 117, 122
Decimal	7240310
CIE Lab	50.15, -5.29, 0.66
CIE LCh	50, 5.336, 172.888
Yxy	18.5421, 0.3027, 0.3369
Android (android.graphics.Color)	4285430390 (0xFF6E7A76)
YUV	117.9560, 0.0217, -6.9774
Hunter-Lab	43.0605, -6.2948, 2.8242

Details

The XYZ color **16.6600, 18.5421, 19.8404** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6400, 16.5049, 18.2294**, and the grayscale version is **17.2078, 18.1040, 19.7152**.

A 20% lighter version of the original color is **37.2920, 40.8558, 43.9507**, and **5.4746, 6.2314, 6.7086** is the 20% darker color. If you saturate the color by 10%, you get **15.0089, 17.7188, 18.5284**, and if you desaturate by 10%, it is **18.5317, 19.4789, 21.2179**.

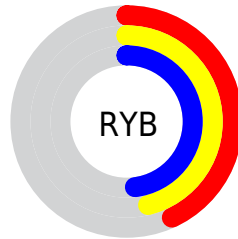
Distribution



Red (43%)

Green (48%)

Blue (46%)



Red (43%)

Yellow (46%)

Blue (48%)

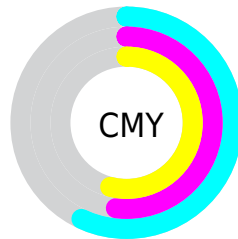


Cyan (10%)

Magenta (0%)

Yellow (3%)

Black (52%)



Cyan (57%)

Magenta (52%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6600, 18.5421, 19.8404 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 16.6600, 18.5421, 19.8404 by changing the saturation by 10% instead.

■ 16.6600, 18.5421,
19.8404

■ 16.6600, 18.5421,
19.8404

226.4000,
243.9091, 263.6254

■ 10.0862, 11.3399,
12.0962

■ 37.2885, 40.9589,
44.0049

■ 5.5188, 6.2959,
6.6859

■ 52.0740, 56.9423,
61.2622

■ 2.5926, 3.0258,
3.1910

■ 70.3273, 76.6215,
82.5277

■ 0.9422, 1.1452,
1.1930

■ 92.4139, 100.3810,
108.2197

■ 0.0000, 0.0163,
0.0000

118.6991,
128.6051, 138.7570

■ 0.0000, 0.0000,
0.0000

149.5483,

161.6782, 174.5580

185.3268,
199.9847, 216.0413

■ 16.6600, 18.5421,
19.8404

■ 16.6600, 18.5421,
19.8404

■ 15.0089, 17.7188,
18.5284

■ 18.5317, 19.4789,
21.2179

■ 13.5681, 17.0021,
17.2797

■ 20.6304, 20.5311,
22.6608

■ 12.3289, 16.3883,
16.0935

■ 22.9644, 21.7034,
24.1705

■ 11.2815, 15.8721,
14.9686

■ 25.5411, 22.9994,
25.7479

■ 10.4150, 15.4482,
13.9038

■ 28.3674, 24.4229,
27.3940

■ 9.7177, 15.1102,
12.8979

■ 31.4501, 25.9773,
29.1099

■ 9.1762, 14.8515,
11.9495

■ 34.7956, 27.6660,
30.8963

■ 8.7749, 14.6640,
11.0570

■ 38.4103, 29.4920,
32.7541

■ 8.4621, 14.5209,
10.2173

■ 42.3000, 31.4585,
34.6843

Harmonies

Analogous

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



16.8464, 18.5421, 18.5272



16.6600, 18.5421, 19.8404



16.7278, 18.5421, 21.3115

Triad

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



16.6600, 18.5421, 19.8404



18.0113, 18.5421, 22.9139



18.2275, 18.5421, 18.0127

Complementary

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



16.6600, 18.5421, 19.8404



16.6400, 16.5049, 18.2294

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.



18.5511, 18.5421, 19.1070



16.6600, 18.5421, 19.8404



18.4246, 18.5421, 21.9477

Square

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



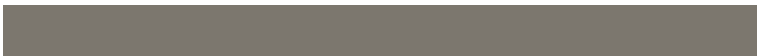
16.6600, 18.5421, 19.8404



17.5015, 18.5421, 23.1336



18.6239, 18.5421, 20.5421



17.7465, 18.5421, 17.5058

Rectangle

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



16.6600, 18.5421, 19.8404



16.9087, 18.5421, 22.1798



18.6239, 18.5421, 20.5421



18.3586, 18.5421, 18.3214

Sweetspot

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



16.6605, 18.5429, 19.8408



31.4930, 33.7128, 36.5305



16.7402, 18.6366, 17.4672



7.1462, 7.6811, 8.3129



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.



16.6605, 18.5429, 19.8408



28.5617, 32.2474, 34.3276



16.6845, 18.2020, 21.0473



4.0529, 4.4908, 4.8125



8.8996, 15.2835, 10.7220



42.0446, 72.7409, 49.0003

Inverse Universe

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



16.6400, 16.5049, 18.2294



28.5174, 27.8400, 30.8428



16.6133, 16.8082, 17.1209



4.0483, 4.0351, 4.4522



8.8621, 4.5210, 2.5649



41.9155, 21.4225, 10.3511

Previews

White Background



This preview shows how the XYZ color 16.6600, 18.5421, 19.8404 looks on a white background.

Color Contrast Check

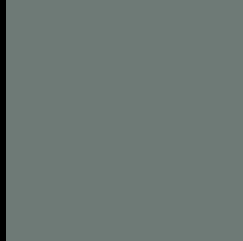
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.6600, 18.5421, 19.8404 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

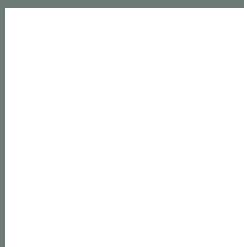
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.6600, 18.5421, 19.8404

Background



This preview shows how black text looks on a background with the XYZ color 16.6600, 18.5421, 19.8404.



This preview shows how white text looks on a background with the XYZ color 16.6600, 18.5421,

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

16.6600, 18.5421, 19.8404

Protanopia

17.7753, 18.5922, 19.1748

Deuteranopia

18.6664, 18.3392, 20.0088



Tritanopia

17.4278, 18.4894, 23.7694

Trichromacy



Original Color

16.6600, 18.5421, 19.8404

Protanomaly

17.3986, 18.5688, 19.4968

Deuteranomaly

17.9766, 18.4997, 20.0761

Tritanomaly

17.1588, 18.5606, 22.4169

Monochromacy



Original Color

16.6600, 18.5421, 19.8404

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.9371, 18.1465, 19.7495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6600, 18.5421, 19.8404 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(110, 122, 118)` looks like.

```
.text, #text, p{  
    color:rgb(110, 122, 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(110, 122, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 122, 118) }
```

Border

The CSS property to change the border of an element to XYZ 16.6600, 18.5421, 19.8404 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(110, 122, 118) }
```


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

```
.border{ border-color:rgb(110, 122, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 122, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 122, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 122, 118);  
box-shadow:4px 4px 4px 4px rgb(110, 122,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6600, 18.5421, 19.8404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 122, 118) }
```

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

```
.background{ background-color: rgb(110,  
122, 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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