

Converting Colors

XYZ(16.6189, 17.6560, 21.9804)

Have a look what the booklet for
XYZ(16.6189, 17.6560, 21.9804)
contains.

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Color

**XYZ(16.6185, 17.5828,
21.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	6F757D
RGB	111, 117, 125
RGB Percent	44%, 46%, 49%
CMY	0.5647, 0.5412, 0.5098
CMYK	0.11, 0.06, 0.00, 0.51
HSL	214°, 6%, 46%
HSV	214°, 11%, 49%
XYZ	16.6185, 17.5828, 21.9200
YIQ	116.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

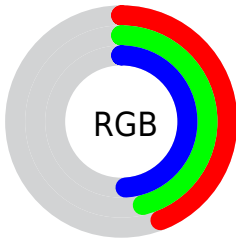
Format	Color
R_{YB}	111, 115, 125
Decimal	7304573
CIE Lab	48.99, -0.52, -5.17
CIE LCh	49, 5.198, 264.226
Yxy	17.5828, 0.2961, 0.3133
Android (android.graphics.Color)	4285494653 (0xFF6F757D)
YUV	116.1180, 4.3788, -4.4885
Hunter-Lab	41.9318, -2.6373, -1.6417

Details

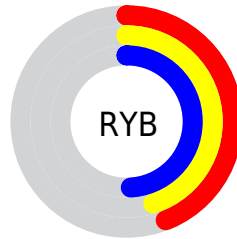
The XYZ color **16.6185, 17.5828, 21.9200** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9235, 18.7011, 17.7041**, and the grayscale version is **16.6254, 17.4912, 19.0479**.

A 20% lighter version of the original color is **37.3281, 39.3768, 47.7526**, and **5.4825, 5.8348, 7.6747** is the 20% darker color. If you saturate the color by 10%, you get **14.3540, 15.2274, 21.5850**, and if you desaturate by 10%, it is **19.1677, 20.1801, 22.2872**.

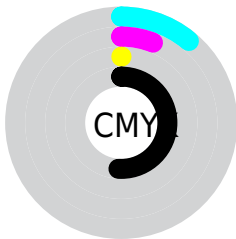
Distribution



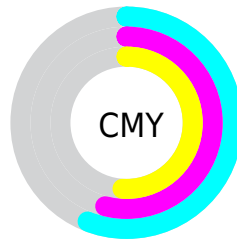
- Red (44%)
- Green (46%)
- Blue (49%)



- Red (44%)
- Yellow (45%)
- Blue (49%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (51%)



- Cyan (56%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6185, 17.5828, 21.9200 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 16.6185, 17.5828, 21.9200 by changing the saturation by 10% instead.

■ 16.6185, 17.5828,
21.9200

■ 16.6185, 17.5828,
21.9200

226.1636,
238.5089, 275.0681

■ 10.0565, 10.6509,
13.6004

■ 37.2175, 39.3251,
47.5142

■ 5.4990, 5.8326,
7.7077

■ 51.9852, 54.9043,
65.6259

■ 2.5806, 2.7436,
3.8234

■ 70.2189, 74.1347,
87.8387

■ 0.9361, 0.9994,
1.5290

■ 92.2838, 97.4008,
114.5711

■ 0.0000, 0.0000,
0.2394

118.5454,
125.0868, 146.2417

■ 0.0000, 0.0000,
0.0000

149.3690,

157.5772, 183.2691

185.1199,
195.2565, 226.0717

■ 16.6185, 17.5828,
21.9200

■ 16.6185, 17.5828,
21.9200

■ 14.3540, 15.2274,
21.5850

■ 19.1677, 20.1801,
22.2872

■ 12.3621, 13.1043,
21.2802

■ 22.0098, 23.0243,
22.6864

■ 10.6321, 11.2061,
21.0050

■ 25.1550, 26.1228,
23.1187

■ 9.1521, 9.5246,
20.7584

■ 28.6121, 29.4823,
23.5850

■ 7.9090, 8.0506,
20.5394

■ 32.3898, 33.1091,
24.0859

■ 6.8886, 6.7744,
20.3469

■ 36.4963, 37.0091,
24.6223

■ 6.0748, 5.6851,
20.1795

■ 40.9396, 41.1883,
25.1947

■ 5.4491, 4.7705,
20.0360

■ 45.7274, 45.6524,
25.8040

■ 5.0020, 4.0812,
19.9265

■ 50.8671, 50.4067,
26.4508

Harmonies

Analogous

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



16.1739, 17.5828, 21.3889



16.6185, 17.5828, 21.9200



17.0966, 17.5828, 21.6789

Triad

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



16.6185, 17.5828, 21.9200



17.5748, 17.5828, 18.0720



15.9684, 17.5828, 17.6289

Complementary

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



16.6185, 17.5828, 21.9200



17.9235, 18.7011, 17.7041

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.



16.3330, 17.5828, 16.8161



16.6185, 17.5828, 21.9200



17.2617, 17.5828, 17.0632

Square

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



16.6185, 17.5828, 21.9200



17.6548, 17.5828, 19.4140



16.8057, 17.5828, 16.6141



15.8032, 17.5828, 18.8779

Rectangle

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



16.6185, 17.5828, 21.9200



17.3693, 17.5828, 21.1183



16.8057, 17.5828, 16.6141



16.0713, 17.5828, 17.2980

Sweetspot

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



16.6190, 17.5835, 21.9204



33.4300, 35.2331, 39.7831



17.2152, 19.3774, 20.2649



7.5266, 7.9357, 9.0381



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.



16.6190, 17.5835, 21.9204



28.8609, 30.5598, 39.1219



16.0600, 16.2902, 21.7002



4.2486, 4.4913, 5.4563



5.2137, 4.2458, 20.7947



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.3532, 17.0135, 19.1999



30.4083, 29.3859, 33.3815



18.5250, 20.1053, 17.9435



4.3983, 4.3725, 4.9021



9.5086, 4.8231, 4.0020



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.6185, 17.5828, 21.9200 looks on a white 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

Black Background



This preview shows how the XYZ color 16.6185, 17.5828, 21.9200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

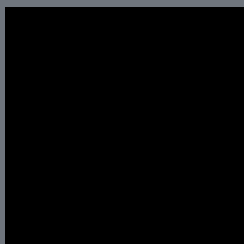
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

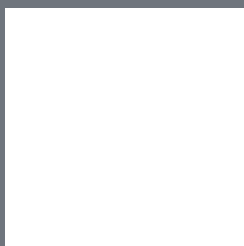
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.6185, 17.5828, 21.9200

Background



This preview shows how black text looks on a background with the XYZ color 16.6185, 17.5828, 21.9200.



This preview shows how white text looks on a background with the XYZ color 16.6185, 17.5828,

21.9200.

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

16.6185, 17.5828, 21.9200

Protanopia

17.0859, 17.6590, 21.5768

Deuteranopia

17.8394, 17.5276, 22.1816



Tritanopia

16.6827, 17.6084, 22.2582

Trichromacy



Original Color

16.6185, 17.5828, 21.9200

Protanomaly

16.8229, 17.5234, 21.5645

Deuteranomaly

17.3910, 17.4629, 22.1927

Tritanomaly

16.6827, 17.6084, 22.2582

Monochromacy



Original Color

16.6185, 17.5828, 21.9200

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.5146, 17.4001, 19.9409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6185, 17.5828, 21.9200 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, 117, 125)` looks like.

```
.text, #text, p{  
    color:rgb(111, 117, 125)  
}
```

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, 117, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 117, 125) }
```

Border

The CSS property to change the border of an element to XYZ 16.6185, 17.5828, 21.9200 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, 117, 125) }
```


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

```
.border{ border-color:rgb(111, 117, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 117, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 117, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 117, 125);  
box-shadow:4px 4px 4px 4px rgb(111, 117,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6185, 17.5828, 21.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 117, 125) }
```

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

```
.background{ background-color: rgb(111,  
117, 125) }
```

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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