

Converting Colors

XYZ(16.4524, 17.7265, 20.6309)

Have a look what the booklet for
XYZ(16.4524, 17.7265, 20.6309)
contains.

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Color

**XYZ(16.4852, 17.7169,
20.6400)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7679
RGB	111, 118, 121
RGB Percent	44%, 46%, 47%
CMY	0.5647, 0.5372, 0.5255
CMYK	0.08, 0.02, 0.00, 0.53
HSL	198°, 4%, 45%
HSV	198°, 8%, 47%
XYZ	16.4852, 17.7169, 20.6400
YIQ	116.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

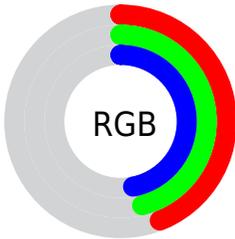
Format	Color
R_{YB}	111, 115, 121
Decimal	7304825
CIE Lab	49.15, -1.98, -2.56
CIE LCh	49, 3.238, 232.243
Yxy	17.7169, 0.3006, 0.3231
Android (android.graphics.Color)	4285494905 (0xFF6F7679)
YUV	116.2490, 2.3422, -4.6034
Hunter-Lab	42.0914, -3.7502, 0.3905

Details

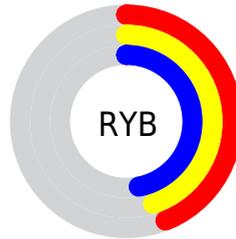
The XYZ color **16.4852, 17.7169, 20.6400** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7718, 17.2471, 17.4843**, and the grayscale version is **16.6715, 17.5397, 19.1007**.

A 20% lighter version of the original color is **37.0218, 39.5531, 45.2184**, and **5.4427, 5.9181, 7.1588** is the 20% darker color. If you saturate the color by 10%, you get **14.6458, 16.1471, 20.4342**, and if you desaturate by 10%, it is **18.5484, 19.4274, 20.8617**.

Distribution



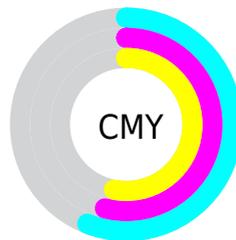
- Red (44%)
- Green (46%)
- Blue (47%)



- Red (44%)
- Yellow (45%)
- Blue (47%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (53%)



- Cyan (56%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4852, 17.7169, 20.6400 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 16.4852, 17.7169, 20.6400 by changing the saturation by 10% instead.

■ 16.4852, 17.7169,
20.6400

■ 16.4852, 17.7169,
20.6400

225.4026,
239.2705, 268.0770

■ 9.9612, 10.7469,
12.6724

■ 36.9892, 39.5543,
45.3606

■ 5.4353, 5.8969,
7.0753

■ 51.6999, 55.1906,
62.9507

■ 2.5422, 2.7825,
3.4301

■ 69.8701, 74.4844,
84.5854

■ 0.9166, 1.0193,
1.3182

■ 91.8653, 97.8201,
110.6833

■ 0.0000, 0.0000,
0.0766

118.0508,
125.5822, 141.6629

■ 0.0000, 0.0000,
0.0000

148.7919,

158.1551, 177.9426

184.4540,
195.9230, 219.9411

■ 16.4852, 17.7169,
20.6400

■ 16.4852, 17.7169,
20.6400

■ 14.6458, 16.1471,
20.4342

■ 18.5484, 19.4274,
20.8617

■ 13.0201, 14.7111,
20.2427

■ 20.8417, 21.2808,
21.0986

■ 11.5998, 13.4048,
20.0655

■ 23.3732, 23.2818,
21.3514

■ 10.3752, 12.2230,
19.9019

■ 26.1501, 25.4346,
21.6205

■ 9.3357, 11.1599,
19.7515

■ 29.1793, 27.7428,
21.9064

■ 8.4700, 10.2094,
19.6136

■ 32.4673, 30.2102,
22.2094

■ 7.7652, 9.3646,
19.4877

■ 36.0206, 32.8402,
22.5297

■ 7.2064, 8.6174,
19.3729

■ 39.8453, 35.6363,
22.8679

■ 6.7541, 7.9471,
19.2674

■ 43.9472, 38.6018,
23.2241

Harmonies

Analogous

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



16.3059, 17.7169, 19.9291



16.4852, 17.7169, 20.6400



16.7609, 17.7169, 20.9914

Triad

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



16.4852, 17.7169, 20.6400



17.4232, 17.7169, 19.5167



16.6198, 17.7169, 17.7873

Complementary

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



16.4852, 17.7169, 20.6400



16.7718, 17.2471, 17.4843

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.



16.9181, 17.7169, 17.6844



16.4852, 17.7169, 20.6400



17.3843, 17.7169, 18.6660

Square

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



16.4852, 17.7169, 20.6400



17.3042, 17.7169, 20.3304



17.1986, 17.7169, 18.0015



16.3830, 17.7169, 18.2871

Rectangle

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



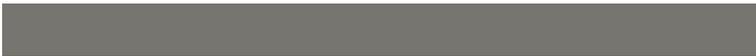
16.4852, 17.7169, 20.6400



16.9632, 17.7169, 20.9675



17.1986, 17.7169, 18.0015



16.7162, 17.7169, 17.7058

Sweetspot

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



16.4857, 17.7176, 20.6404



31.7686, 33.5999, 37.2040



16.4210, 18.2657, 18.5303



7.2772, 7.6936, 8.5081



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.



16.4857, 17.7176, 20.6404



28.8356, 31.1491, 36.8855



15.9308, 16.6078, 20.4554



4.0104, 4.3192, 5.0655



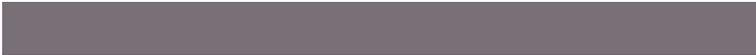
7.1466, 8.3755, 20.6253



33.3183, 38.4093, 98.1275

Inverse Universe

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



16.8400, 16.7422, 19.4845



29.6160, 29.0235, 34.3344



17.3317, 18.3670, 17.6709



4.1057, 4.0580, 4.7544



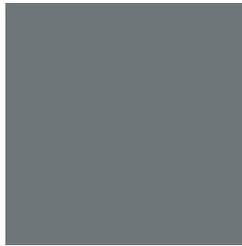
10.1906, 5.0524, 9.5604



48.2207, 23.9446, 43.5537

Previews

White Background



This preview shows how the XYZ color 16.4852, 17.7169, 20.6400 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 16.4852, 17.7169, 20.6400 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

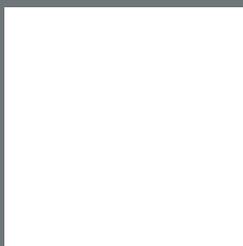
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.4852, 17.7169, 20.6400

Background



This preview shows how black text looks on a background with the XYZ color 16.4852, 17.7169, 20.6400.



This preview shows how white text looks on a background with the XYZ color 16.4852, 17.7169,

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

16.4852, 17.7169, 20.6400

Protanopia

17.1068, 17.6984, 20.2838

Deuteranopia

18.0222, 17.6510, 20.8695



Tritanopia

16.8093, 17.6737, 22.2641

Trichromacy



Original Color

16.4852, 17.7169, 20.6400

Protanomaly

16.8217, 17.7235, 20.3037

Deuteranomaly

17.5287, 17.7316, 20.9110

Tritanomaly

16.6815, 17.6226, 21.5911

Monochromacy



Original Color

16.4852, 17.7169, 20.6400

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.5707, 17.6080, 19.6649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4852, 17.7169, 20.6400 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, 118, 121)` looks like.

```
.text, #text, p{  
    color:rgb(111, 118, 121)  
}
```

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, 118, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 118, 121) }
```

Border

The CSS property to change the border of an element to XYZ 16.4852, 17.7169, 20.6400 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, 118, 121) }
```

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

```
.border{ border-color:rgb(111, 118, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 118, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 118, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 118, 121);  
box-shadow:4px 4px 4px 4px rgb(111, 118,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4852, 17.7169, 20.6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 118, 121) }
```

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

```
.background{ background-color: rgb(111,  
118, 121) }
```

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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