

Converting Colors

XYZ(16.1900, 16.6097, 17.6819)

Have a look what the booklet for
XYZ(16.1900, 16.6097, 17.6819)
contains.

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Color

**XYZ(16.1900, 16.6097,
17.6819)**

Conversions

Conversions Part 1

Format	Color
Hex	767070
RGB	118, 112, 112
RGB Percent	46%, 44%, 44%
CMY	0.5373, 0.5608, 0.5608
CMYK	0.00, 0.05, 0.05, 0.54
HSL	0°, 3%, 45%
HSV	0°, 5%, 46%
XYZ	16.1900, 16.6097, 17.6819
YIQ	113.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

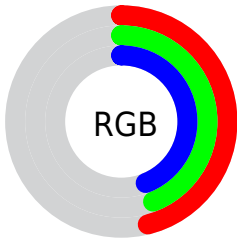
Format	Color
R_{YB}	118, 112, 112
Decimal	7762032
CIE Lab	47.76, 2.32, 0.82
CIE LCh	48, 2.461, 19.545
Yxy	16.6097, 0.3207, 0.3290
Android (android.graphics.Color)	4285952112 (0xFF767070)
YUV	113.7940, -0.8844, 3.6887
Hunter-Lab	40.7550, -0.4118, 2.8050

Details

The XYZ color **16.1900, 16.6097, 17.6819** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4305, 17.7094, 19.6921**, and the grayscale version is **15.9347, 16.7645, 18.2566**.

A 20% lighter version of the original color is **36.5539, 37.7773, 40.4871**, and **5.2846, 5.3390, 5.6025** is the 20% darker color. If you saturate the color by 10%, you get **14.3583, 13.9296, 14.0395**, and if you desaturate by 10%, it is **18.2793, 19.6668, 21.8355**.

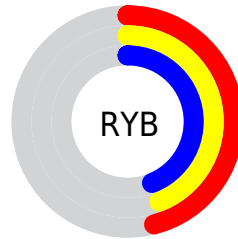
Distribution



Red (46%)

Green (44%)

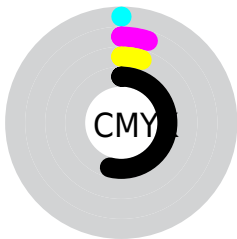
Blue (44%)



Red (46%)

Yellow (44%)

Blue (44%)

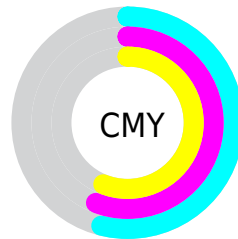


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (54%)



Cyan (54%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1900, 16.6097, 17.6819 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 16.1900, 16.6097, 17.6819 by changing the saturation by 10% instead.

■ 16.1900, 16.6097,
17.6819

■ 16.1900, 16.6097,
17.6819

223.7087,
232.9130, 251.2475

■ 9.7504, 9.9566,
10.5548

■ 36.4825, 37.6535,
40.3011

■ 5.2948, 5.3702,
5.6579

■ 51.0662, 52.8130,
56.6303

■ 2.4578, 2.4661,
2.5728

■ 69.0952, 71.5767,
76.8639

■ 0.8740, 0.8596,
0.8784

■ 90.9350, 94.3291,
101.4205

■ 0.0000, 0.0000,
0.0000

116.9509,
121.4545, 130.7187

147.5082,

153.3374, 165.1768

182.9724,
190.3621, 205.2136

■ 16.1900, 16.6097,
17.6819

■ 16.1900, 16.6097,
17.6819

■ 14.3583, 13.9296,
14.0395

■ 18.2793, 19.6668,
21.8355

■ 12.7729, 11.6099,
10.8875

■ 20.6342, 23.1123,
26.5177

■ 11.4238, 9.6357,
8.2052

■ 23.2640, 26.9602,
31.7467

■ 10.2995, 7.9907,
5.9703

■ 26.1772, 31.2226,
37.5393

■ 9.3880, 6.6568,
4.1583

■ 29.3819, 35.9116,
43.9117

■ 8.6758, 5.6146,
2.7427

■ 32.8860, 41.0385,
50.8793

■ 8.1480, 4.8422,
1.6937

■ 36.6969, 46.6142,
58.4571

■ 7.7877, 4.3148,
0.9777

■ 40.8218, 52.6494,
66.6593

■ 7.5665, 3.9910,
0.5381

■ 45.2677, 59.1543,
75.5001

Harmonies

Analogous

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



16.2077, 16.6097, 18.3064



16.1900, 16.6097, 17.6819



16.0638, 16.6097, 17.1767

Triad

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



16.1900, 16.6097, 17.6819



15.4666, 16.6097, 17.3086



15.7102, 16.6097, 19.3059

Complementary

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



16.1900, 16.6097, 17.6819



16.4305, 17.7094, 19.6921

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.



15.5135, 16.6097, 19.0250



16.1900, 16.6097, 17.6819



15.3737, 16.6097, 17.8657

Square

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



16.1900, 16.6097, 17.6819



15.6456, 16.6097, 16.9647



15.3908, 16.6097, 18.4945



15.9293, 16.6097, 19.2539

Rectangle

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



16.1900, 16.6097, 17.6819



15.9357, 16.6097, 16.9710



15.3908, 16.6097, 18.4945



15.6393, 16.6097, 19.2470

Sweetspot

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



16.1905, 16.6104, 17.6823



29.5340, 30.7663, 33.2107



16.5356, 16.7481, 19.5010



6.8034, 7.0928, 7.6617



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



16.1905, 16.6104, 17.6823



28.1036, 28.6734, 30.3668



16.5268, 17.2831, 17.7944



3.8064, 3.8801, 4.1058



8.0832, 4.1677, 0.3784



39.3894, 20.3073, 1.8437

Inverse Universe

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



16.4305, 17.7094, 19.6921



28.6107, 30.9945, 34.6116



16.0831, 17.0145, 19.5762



3.8770, 4.2035, 4.6973



10.5415, 15.4226, 20.9638



51.3686, 75.1538, 102.1590

Previews

White Background



This preview shows how the XYZ color 16.1900, 16.6097, 17.6819 looks on a white background.

Color Contrast Check

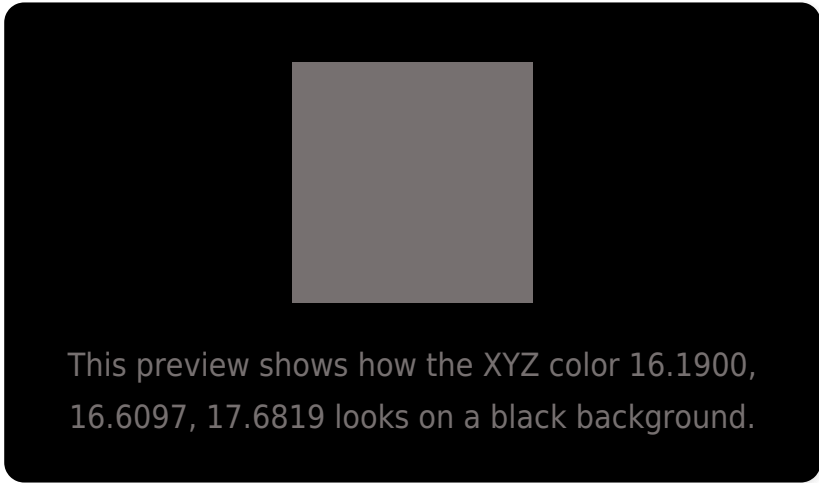
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

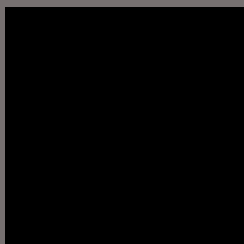
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

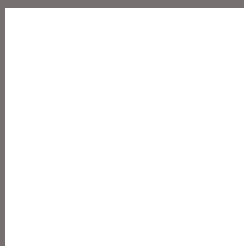
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.1900, 16.6097, 17.6819

Background



This preview shows how black text looks on a background with the XYZ color 16.1900, 16.6097, 17.6819.

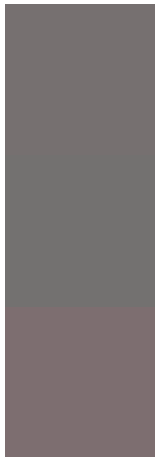


This preview shows how white text looks on a background with the XYZ color 16.1900, 16.6097,

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

16.1900, 16.6097, 17.6819

Protanopia

15.9000, 16.6249, 17.7001

Deuteranopia

16.9580, 16.6817, 17.6553



Tritanopia

16.6824, 16.6469, 20.1032

Trichromacy



Original Color

16.1900, 16.6097, 17.6819

Protanomaly

16.0322, 16.6931, 17.7063

Deuteranomaly

16.6351, 16.6763, 17.6713

Tritanomaly

16.5031, 16.5752, 19.1591

Monochromacy



Original Color

16.1900, 16.6097, 17.6819

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9560, 16.6473, 17.9951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1900, 16.6097, 17.6819 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(118, 112, 112)` looks like.

```
.text, #text, p{  
    color:rgb(118, 112, 112)  
}
```

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(118, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 112, 112) }
```

Border

The CSS property to change the border of an element to XYZ 16.1900, 16.6097, 17.6819 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(118, 112, 112) }
```


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

```
.border{ border-color:rgb(118, 112, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 112, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(118, 112,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1900, 16.6097, 17.6819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 112, 112) }
```

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

```
.background{ background-color: rgb(118,  
112, 112) }
```

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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