

Converting Colors

XYZ(16.1448, 16.3698, 20.0781)

Have a look what the booklet for
XYZ(16.1448, 16.3698, 20.0781)
contains.

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Color

**XYZ(16.1448, 16.3698,
20.0781)**

Conversions

Conversions Part 1

Format	Color
Hex	736F78
RGB	115, 111, 120
RGB Percent	45%, 44%, 47%
CMY	0.5490, 0.5647, 0.5294
CMYK	0.04, 0.07, 0.00, 0.53
HSL	267°, 4%, 45%
HSV	267°, 7%, 47%
XYZ	16.1448, 16.3698, 20.0781
YIQ	113.2220, -0.5050, 3.6470

Conversions

Conversions Part 2

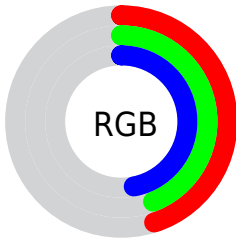
Format	Color
R_{YB}	115, 111, 120
Decimal	7565176
CIE Lab	47.46, 3.39, -4.43
CIE LCh	47, 5.579, 307.426
Yxy	16.3698, 0.3070, 0.3113
Android (android.graphics.Color)	4285755256 (0xFF736F78)
YUV	113.2220, 3.3416, 1.5593
Hunter-Lab	40.4596, 0.4234, -1.1010

Details

The XYZ color **16.1448, 16.3698, 20.0781** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7889, 18.2942, 17.6861**, and the grayscale version is **15.7528, 16.5732, 18.0482**.

A 20% lighter version of the original color is **36.4799, 37.3884, 44.3237**, and **5.2619, 5.2162, 6.8604** is the 20% darker color. If you saturate the color by 10%, you get **14.0771, 13.4893, 19.6313**, and if you desaturate by 10%, it is **18.4529, 19.6363, 20.5872**.

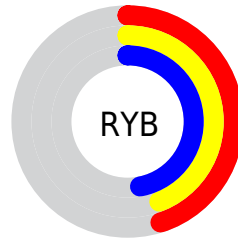
Distribution



Red (45%)

Green (44%)

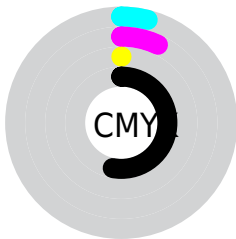
Blue (47%)



Red (45%)

Yellow (44%)

Blue (47%)

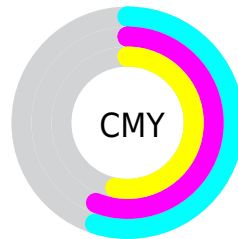


Cyan (4%)

Magenta (7%)

Yellow (0%)

Black (53%)



Cyan (55%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1448, 16.3698, 20.0781 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 16.1448, 16.3698, 20.0781 by changing the saturation by 10% instead.

■ 16.1448, 16.3698,
20.0781

■ 16.1448, 16.3698,
20.0781

223.4483,
231.5140, 264.9558

■ 9.7182, 9.7862,
12.2672

■ 36.4048, 37.2390,
44.4088

■ 5.2733, 5.2574,
6.8012

■ 50.9689, 52.2934,
61.7656

■ 2.4449, 2.3991,
3.2615

■ 68.9762, 70.9402,
83.1415

■ 0.8676, 0.8254,
1.2297

■ 90.7921, 93.5638,
108.9550

■ 0.0000, 0.0000,
0.0031

116.7819,
120.5486, 139.6247

■ 0.0000, 0.0000,
0.0000

147.3109,

152.2790, 175.5690

182.7446,
189.1393, 217.2065

■ 16.1448, 16.3698,
20.0781

■ 16.1448, 16.3698,
20.0781

■ 14.0771, 13.4893,
19.6313

■ 18.4529, 19.6363,
20.5872

■ 12.2400, 10.9780,
19.2434

■ 21.0077, 23.3004,
21.1598

■ 10.6251, 8.8212,
18.9122

■ 23.8173, 27.3761,
21.7984

■ 9.2232, 7.0020,
18.6350

■ 26.8888, 31.8757,
22.5050

■ 8.0240, 5.5024,
18.4087

■ 30.2291, 36.8114,
23.2816

7.0164, 4.3026,
18.2303

33.8447, 42.1945,
24.1301

6.1883, 3.3805,
18.0959

37.7421, 48.0362,
25.0523

5.5257, 2.7106,
18.0015

41.9275, 54.3471,
26.0498

4.9972, 2.2329,
17.9372

46.4067, 61.1375,
27.1244

Harmonies

Analogous

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



15.6824, 16.3698, 20.6667



16.1448, 16.3698, 20.0781



16.4548, 16.3698, 18.8912

Triad

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



16.1448, 16.3698, 20.0781



15.9273, 16.3698, 15.4229



14.6339, 16.3698, 18.1787

Complementary

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



16.1448, 16.3698, 20.0781



16.7889, 18.2942, 17.6861

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.



14.6963, 16.3698, 16.7976



16.1448, 16.3698, 20.0781



15.4363, 16.3698, 15.2546

Square

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



16.1448, 16.3698, 20.0781



16.3274, 16.3698, 16.2177



14.9876, 16.3698, 15.7451



14.8151, 16.3698, 19.5329

Rectangle

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



16.1448, 16.3698, 20.0781



16.5296, 16.3698, 17.9467



14.9876, 16.3698, 15.7451



14.6272, 16.3698, 17.7018

Sweetspot

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



16.1453, 16.3705, 20.0785



30.5547, 31.8368, 35.7878



16.2033, 17.2501, 20.2452



7.2559, 7.5658, 8.4846



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.



16.1453, 16.3705, 20.0785



27.7401, 27.8721, 35.1709



16.7379, 16.6760, 20.1062



3.9509, 3.9726, 5.0017



5.3021, 2.3061, 19.5510



24.3437, 10.5116, 93.2157

Inverse Universe

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



16.5832, 16.6237, 18.8587



28.6809, 28.4161, 32.5456



16.2177, 17.9997, 17.6593



4.0828, 4.0489, 4.6338



9.5380, 4.7914, 6.1242



45.0636, 22.6818, 26.9289

Previews

White Background



This preview shows how the XYZ color 16.1448, 16.3698, 20.0781 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 16.1448, 16.3698, 20.0781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

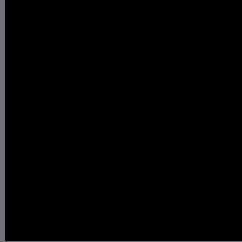
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

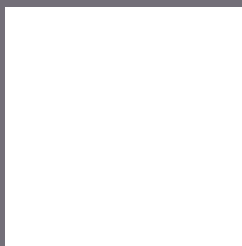
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.1448, 16.3698, 20.0781

Background



This preview shows how black text looks on a background with the XYZ color 16.1448, 16.3698, 20.0781.



This preview shows how white text looks on a background with the XYZ color 16.1448, 16.3698,

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

16.1448, 16.3698, 20.0781

Protanopia

15.9275, 16.4136, 20.4178

Deuteranopia

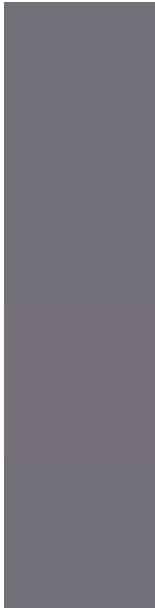
16.6045, 16.2864, 20.0377



Tritanopia

16.1448, 16.3698, 20.0781

Trichromacy



Original Color

16.1448, 16.3698, 20.0781

Protanomaly

16.0554, 16.4795, 20.4238

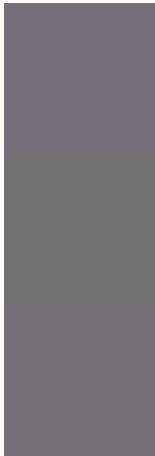
Deuteranomaly

16.4373, 16.3595, 20.0607

Tritanomaly

16.1448, 16.3698, 20.0781

Monochromacy



Original Color

16.1448, 16.3698, 20.0781

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.8860, 16.4267, 18.8564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1448, 16.3698, 20.0781 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(115, 111, 120)` looks like.

```
.text, #text, p{  
    color:rgb(115, 111, 120)  
}
```

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(115, 111, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 111, 120) }
```

Border

The CSS property to change the border of an element to XYZ 16.1448, 16.3698, 20.0781 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(115, 111, 120) }
```


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

```
.border{ border-color:rgb(115, 111, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 111, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 111, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 111, 120);  
box-shadow:4px 4px 4px 4px rgb(115, 111,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1448, 16.3698, 20.0781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 111, 120) }
```

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

```
.background{ background-color: rgb(115,  
111, 120) }
```

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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