

Converting Colors

XYZ(16.0697, 16.7769, 20.8380)

Have a look what the booklet for
XYZ(16.0697, 16.7769, 20.8380)
contains.

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Color

**XYZ(16.0857, 16.8193,
20.8110)**

Conversions

Conversions Part 1

Format	Color
Hex	6F727A
RGB	111, 114, 122
RGB Percent	44%, 45%, 48%
CMY	0.5647, 0.5529, 0.5216
CMYK	0.09, 0.07, 0.00, 0.52
HSL	224°, 5%, 46%
HSV	224°, 9%, 48%
XYZ	16.0857, 16.8193, 20.8110
YIQ	114.0150, -4.3560, 1.8520

Conversions

Conversions Part 2

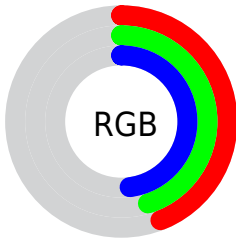
Format	Color
R _Y B	111, 113, 122
Decimal	7303802
CIE Lab	48.03, 0.57, -4.81
CIE LCh	48, 4.840, 276.777
Yxy	16.8193, 0.2995, 0.3131
Android (android.graphics.Color)	4285493882 (0xFF6F727A)
YUV	114.0150, 3.9366, -2.6442
Hunter-Lab	41.0113, -1.7576, -1.3785

Details

The XYZ color **16.0857, 16.8193, 20.8110** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.4921, 18.4787, 17.6840**, and the grayscale version is **15.9886, 16.8213, 18.3184**.

A 20% lighter version of the original color is **36.3805, 38.1150, 45.4839**, and **5.2007, 5.4342, 7.0781** is the 20% darker color. If you saturate the color by 10%, you get **13.7018, 14.1768, 20.4268**, and if you desaturate by 10%, it is **18.7773, 19.7655, 21.2381**.

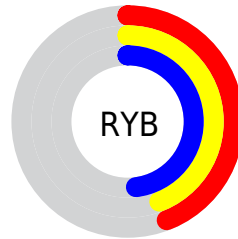
Distribution



Red (44%)

Green (45%)

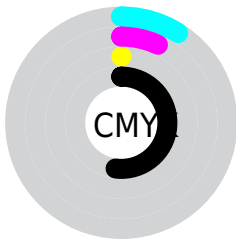
Blue (48%)



Red (44%)

Yellow (44%)

Blue (48%)

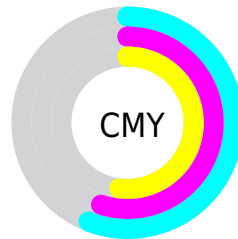


Cyan (9%)

Magenta (7%)

Yellow (0%)

Black (52%)



Cyan (56%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0857, 16.8193, 20.8110 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 16.0857, 16.8193, 20.8110 by changing the saturation by 10% instead.

■ 16.0857, 16.8193,
20.8110

■ 16.0857, 16.8193,
20.8110

223.1073,
234.1289, 269.0203

■ 9.6760, 10.1057,
12.7960

■ 36.3032, 38.0148,
45.6495

■ 5.2453, 5.4691,
7.1592

■ 50.8417, 53.2656,
63.3101

■ 2.4281, 2.5251,
3.4819

■ 68.8206, 72.1309,
85.0229

■ 0.8592, 0.8891,
1.3456

■ 90.6051, 94.9951,
111.2066

■ 0.0000, 0.0000,
0.0988

116.5607,
122.2426, 142.2796

■ 0.0000, 0.0000,
0.0000

147.0527,

154.2578, 178.6606

182.4465,
191.4251, 220.7680

■ 16.0857, 16.8193,
20.8110

■ 16.0857, 16.8193,
20.8110

■ 13.7018, 14.1768,
20.4268

■ 18.7773, 19.7655,
21.2381

■ 11.6130, 11.8259,
20.0832

■ 21.7858, 23.0225,
21.7082

■ 9.8079, 9.7569,
19.7790

■ 25.1217, 26.6001,
22.2229

■ 8.2737, 7.9589,
19.5128

■ 28.7947, 30.5068,
22.7834

■ 6.9967, 6.4200,
19.2830

■ 32.8139, 34.7510,
23.3907

■ 5.9619, 5.1275,
19.0881

■ 37.1884, 39.3405,
24.0461

■ 5.1527, 4.0675,
18.9261

■ 41.9266, 44.2831,
24.7503

■ 4.5502, 3.2244,
18.7952

■ 47.0367, 49.5862,
25.5046

■ 4.1048, 2.5667,
18.6917

■ 52.5268, 55.2571,
26.3099

Harmonies

Analogous

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



15.6569, 16.8193, 20.6174



16.0857, 16.8193, 20.8110



16.4951, 16.8193, 20.3113

Triad

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



16.0857, 16.8193, 20.8110



16.6694, 16.8193, 16.9087



15.2257, 16.8193, 17.3799

Complementary

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



16.0857, 16.8193, 20.8110



17.4921, 18.4787, 17.6840

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.



15.4879, 16.8193, 16.4509



16.0857, 16.8193, 20.8110



16.3202, 16.8193, 16.1877

Square

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



16.0857, 16.8193, 20.8110



16.8361, 16.8193, 18.0306



15.8872, 16.8193, 16.0240



15.1655, 16.8193, 18.5991

Rectangle

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



16.0857, 16.8193, 20.8110



16.7002, 16.8193, 19.6651



15.8872, 16.8193, 16.0240



15.2929, 16.8193, 17.0250

Sweetspot

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



16.0862, 16.8200, 20.8114



31.0479, 32.6060, 37.0501



16.8381, 18.6280, 20.1244



7.0212, 7.3701, 8.4592



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.



16.0862, 16.8200, 20.8114



27.3104, 28.4996, 36.4545



16.0570, 16.3105, 20.7146



3.8784, 4.0552, 5.0215



4.2734, 2.6293, 19.6676



19.7640, 11.3007, 93.6094

Inverse Universe

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



16.7481, 16.7217, 18.2653



28.7483, 28.3017, 30.9201



17.5217, 19.0328, 17.7894



4.0391, 4.0314, 4.4036



8.7403, 4.4723, 1.9236



41.3791, 21.2080, 7.5264

Previews

White Background



This preview shows how the XYZ color 16.0857, 16.8193, 20.8110 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 16.0857, 16.8193, 20.8110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

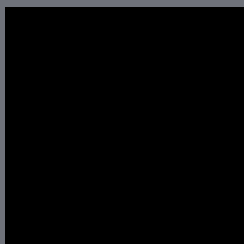
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

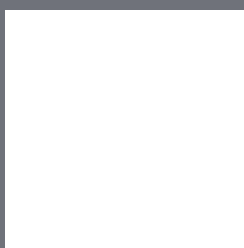
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0857, 16.8193, 20.8110

Background



This preview shows how black text looks on a background with the XYZ color 16.0857, 16.8193, 20.8110.



This preview shows how white text looks on a background with the XYZ color 16.0857, 16.8193,

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

16.0857, 16.8193, 20.8110

Protanopia

16.3574, 16.7928, 20.7916

Deuteranopia

17.1447, 16.8639, 21.0903



Tritanopia

16.1480, 16.8442, 21.1391

Trichromacy

**Original Color**

16.0857, 16.8193, 20.8110

Protanomaly

16.2280, 16.7261, 20.7855

Deuteranomaly

16.7054, 16.8003, 21.1012

Tritanomaly

16.1480, 16.8442, 21.1391

Monochromacy

**Original Color**

16.0857, 16.8193, 20.8110

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.0383, 16.8297, 19.2328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0857, 16.8193, 20.8110 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, 114, 122)` looks like.

```
.text, #text, p{  
    color:rgb(111, 114, 122)  
}
```

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, 114, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 114, 122) }
```

Border

The CSS property to change the border of an element to XYZ 16.0857, 16.8193, 20.8110 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, 114, 122) }
```


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

```
.border{ border-color:rgb(111, 114, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 114, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 114, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 114, 122);  
box-shadow:4px 4px 4px 4px rgb(111, 114,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0857, 16.8193, 20.8110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 114, 122) }
```

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

```
.background{ background-color: rgb(111,  
114, 122) }
```

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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