

Converting Colors

XYZ(16.5205, 16.7737, 17.9897)

Have a look what the booklet for
XYZ(16.5205, 16.7737, 17.9897)
contains.

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Color

**XYZ(16.5205, 16.7737,
17.9897)**

Conversions

Conversions Part 1

Format	Color
Hex	787071
RGB	120, 112, 113
RGB Percent	47%, 44%, 44%
CMY	0.5294, 0.5608, 0.5569
CMYK	0.00, 0.07, 0.06, 0.53
HSL	353°, 3%, 45%
HSV	353°, 7%, 47%
XYZ	16.5205, 16.7737, 17.9897
YIQ	114.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

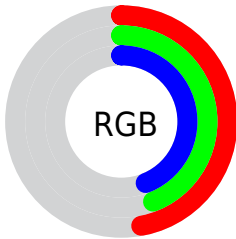
Format	Color
R_{YB}	120, 112, 113
Decimal	7893105
CIE Lab	47.97, 3.29, 0.55
CIE LCh	48, 3.337, 9.563
Yxy	16.7737, 0.3221, 0.3271
Android (android.graphics.Color)	4286083185 (0xFF787071)
YUV	114.5060, -0.7425, 4.8182
Hunter-Lab	40.9557, 0.3299, 2.6260

Details

The XYZ color **16.5205, 16.7737, 17.9897** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7289, 18.2099, 20.0868**, and the grayscale version is **16.1480, 16.9889, 18.5009**.

A 20% lighter version of the original color is **37.0802, 38.0382, 40.9851**, and **5.4600, 5.4262, 5.7606** is the 20% darker color. If you saturate the color by 10%, you get **14.7263, 14.0773, 14.6412**, and if you desaturate by 10%, it is **18.5606, 19.8519, 21.7583**.

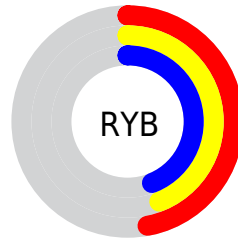
Distribution



Red (47%)

Green (44%)

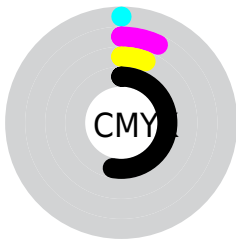
Blue (44%)



Red (47%)

Yellow (44%)

Blue (44%)

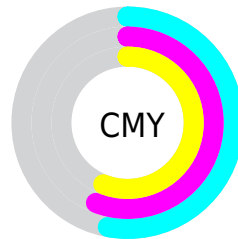


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (53%)



Cyan (53%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5205, 16.7737, 17.9897 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 16.5205, 16.7737, 17.9897 by changing the saturation by 10% instead.

■ 16.5205, 16.7737,
17.9897

■ 16.5205, 16.7737,
17.9897

225.6043,
233.8649, 253.0471

■ 9.9864, 10.0733,
10.7732

■ 37.0497, 37.9363,
40.8335

■ 5.4521, 5.4476,
5.8023

■ 51.7755, 53.1672,
57.2979

■ 2.5524, 2.5122,
2.6584

■ 69.9625, 72.0105,
77.6820

■ 0.9217, 0.8827,
0.9224

■ 91.9762, 94.8504,
102.4043

■ 0.0000, 0.0000,
0.0000

118.1819,
122.0714, 131.8835

148.9449,

154.0579, 166.5380

184.6306,
191.1943, 206.7864

■ 16.5205, 16.7737,
17.9897

■ 16.5205, 16.7737,
17.9897

■ 14.7263, 14.0773,
14.6412

■ 18.5606, 19.8519,
21.7583

■ 13.1673, 11.7457,
11.6971

■ 20.8540, 23.3238,
25.9597

■ 11.8341, 9.7639,
9.1424

■ 23.4093, 27.2032,
30.6075

■ 10.7163, 8.1150,
6.9607

■ 26.2347, 31.5029,
35.7143

■ 9.8024, 6.7807,
5.1346

■ 29.3376, 36.2349,
41.2923

■ 9.0800, 5.7410,
3.6451

■ 32.7254, 41.4109,
47.3530

■ 8.5353, 4.9734,
2.4714

■ 36.4051, 47.0420,
53.9079

■ 8.1526, 4.4523,
1.5905

■ 40.3836, 53.1390,
60.9677

■ 7.9023, 4.1252,
0.9725

■ 44.6673, 59.7123,
68.5431

Harmonies

Analogous

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



16.4914, 16.7737, 18.8487



16.5205, 16.7737, 17.9897



16.3933, 16.7737, 17.2281

Triad

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



16.5205, 16.7737, 17.9897



15.5771, 16.7737, 17.0154



15.7416, 16.7737, 19.8615

Complementary

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



16.5205, 16.7737, 17.9897



16.7289, 18.2099, 20.0868

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.



15.5008, 16.7737, 19.3400



16.5205, 16.7737, 17.9897



15.4067, 16.7737, 17.6910

Square

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



16.5205, 16.7737, 17.9897



15.8469, 16.7737, 16.6774



15.3789, 16.7737, 18.5405



16.0393, 16.7737, 19.9476

Rectangle

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



16.5205, 16.7737, 17.9897



16.2379, 16.7737, 16.8715



15.3789, 16.7737, 18.5405



15.6515, 16.7737, 19.7305

Sweetspot

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



16.5210, 16.7744, 17.9901



30.6585, 31.9165, 34.6068



16.7834, 16.8624, 20.1395



7.2786, 7.5833, 8.2252



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.



16.5210, 16.7744, 17.9901



28.5463, 28.7337, 30.6917



16.7940, 17.4098, 17.8055



4.0168, 4.0224, 4.2860



8.5406, 4.3924, 0.8718



40.5619, 20.8811, 3.2230

Inverse Universe

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



16.5210, 16.7744, 17.9901



28.5463, 28.7337, 30.6917



16.4419, 17.5395, 20.2882



4.0168, 4.0224, 4.2860



8.5406, 4.3924, 0.8718



40.5619, 20.8811, 3.2230

Previews

White Background



This preview shows how the XYZ color 16.5205, 16.7737, 17.9897 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 16.5205, 16.7737, 17.9897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

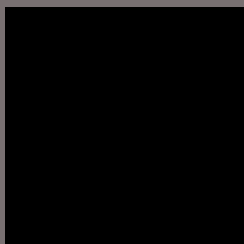
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5205, 16.7737, 17.9897

Background



This preview shows how black text looks on a background with the XYZ color 16.5205, 16.7737, 17.9897.



This preview shows how white text looks on a background with the XYZ color 16.5205, 16.7737,

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

16.5205, 16.7737, 17.9897

Protanopia

16.1448, 16.7382, 18.2995

Deuteranopia

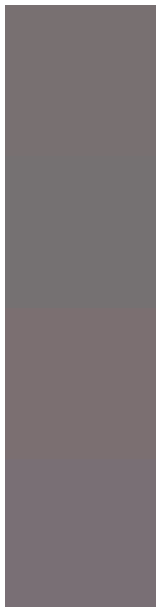
17.0140, 16.7041, 17.9503



Tritanopia

16.9598, 16.7899, 20.1162

Trichromacy



Original Color

16.5205, 16.7737, 17.9897

Protanomaly

16.2785, 16.8071, 18.3057

Deuteranomaly

16.8335, 16.7721, 17.9729

Tritanomaly

16.7805, 16.7182, 19.1721

Monochromacy



Original Color

16.5205, 16.7737, 17.9897

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.3907, 17.0314, 18.3431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5205, 16.7737, 17.9897 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(120, 112, 113)` looks like.

```
.text, #text, p{  
    color:rgb(120, 112, 113)  
}
```

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(120, 112, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 112, 113) }
```

Border

The CSS property to change the border of an element to XYZ 16.5205, 16.7737, 17.9897 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(120, 112, 113) }
```


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

```
.border{ border-color:rgb(120, 112, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 112, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 112, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 112, 113);  
box-shadow:4px 4px 4px 4px rgb(120, 112,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5205, 16.7737, 17.9897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 112, 113) }
```

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

```
.background{ background-color: rgb(120,  
112, 113) }
```

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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