

Converting Colors

XYZ(17.3293, 16.0658, 17.5782)

Have a look what the booklet for
XYZ(17.3293, 16.0658, 17.5782)
contains.

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Color

**XYZ(17.3363, 16.0983,
17.5228)**

Conversions

Conversions Part 1

Format	Color
Hex	836970
RGB	131, 105, 112
RGB Percent	51%, 41%, 44%
CMY	0.4863, 0.5882, 0.5608
CMYK	0.00, 0.20, 0.15, 0.49
HSL	344°, 11%, 46%
HSV	344°, 20%, 51%
XYZ	17.3363, 16.0983, 17.5228
YIQ	113.5720, 13.2490, 7.6890

Conversions

Conversions Part 2

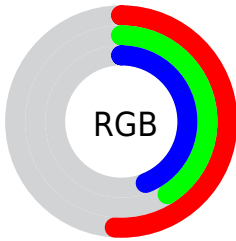
Format	Color
R_{YB}	131, 105, 112
Decimal	8612208
CIE _{Lab}	47.10, 11.56, 0.01
CIE _{LCh}	47, 11.562, 0.057
Yxy	16.0983, 0.3402, 0.3159
Android (android.graphics.Color)	4286802288 (0xFF836970)
YUV	113.5720, -0.7750, 15.2844
Hunter-Lab	40.1227, 6.9120, 2.1921

Details

The XYZ color **17.3363, 16.0983, 17.5228** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5808, 20.6915, 22.1371**, and the grayscale version is **15.8660, 16.6923, 18.1779**.

A 20% lighter version of the original color is **38.3565, 36.6476, 40.1741**, and **5.8318, 5.1456, 5.5363** is the 20% darker color. If you saturate the color by 10%, you get **15.5984, 13.4307, 14.4519**, and if you desaturate by 10%, it is **19.3373, 19.2012, 20.9615**.

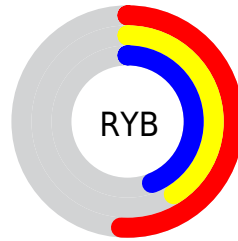
Distribution



Red (51%)

Green (41%)

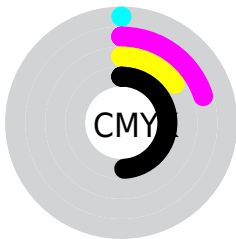
Blue (44%)



Red (51%)

Yellow (41%)

Blue (44%)

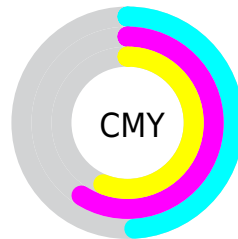


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (49%)



Cyan (49%)

Magenta (59%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3363, 16.0983, 17.5228 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 17.3363, 16.0983, 17.5228 by changing the saturation by 10% instead.

■ 17.3363, 16.0983,
17.5228

■ 17.3363, 16.0983,
17.5228

230.2216,
229.9211, 250.3125

■ 10.5713, 9.5937,
10.4420

■ 38.4421, 36.7688,
40.0254

■ 5.8445, 5.1304,
5.5836

■ 53.5137, 51.7035,
56.2843

■ 2.7905, 2.3240,
2.5289

■ 72.0848, 70.2170,
76.4397

■ 1.0440, 0.7864,
0.8554

■ 94.5209, 92.6938,
100.9101

■ 0.0000, 0.0000,
0.0000

121.1873,
119.5182, 130.1140

152.4493,

151.0746, 164.4700

188.6723,
187.7474, 204.3967

■ 17.3363, 16.0983,
17.5228

■ 17.3363, 16.0983,
17.5228

■ 15.5984, 13.4307,
14.4519

■ 19.3373, 19.2012,
20.9615

■ 14.1112, 11.1767,
11.7353

■ 21.6106, 22.7554,
24.7789

■ 12.8632, 9.3160,
9.3604

■ 24.1666, 26.7788,
28.9864

■ 11.8414, 7.8259,
7.3130

■ 27.0145, 31.2876,
33.5949

■ 11.0315, 6.6813,
5.5782

■ 30.1634, 36.2975,
38.6148

■ 10.4176, 5.8537,
4.1398

■ 33.6217, 41.8232,
44.0561

■ 9.9813, 5.3103,
2.9798

■ 37.3978, 47.8788,
49.9283

■ 9.6719, 4.9535,
2.0685

■ 41.4995, 54.4782,
56.2408

■ 9.6674, 4.9483,
2.0560

■ 45.9345, 61.6342,
63.0026

Harmonies

Analogous

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



17.0548, 16.0983, 20.4682



17.3363, 16.0983, 17.5228



17.0527, 16.0983, 14.8758

Triad

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



17.3363, 16.0983, 17.5228



14.3443, 16.0983, 13.1228



14.3475, 16.0983, 22.8302

Complementary

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



17.3363, 16.0983, 17.5228



17.5808, 20.6915, 22.1371

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.



13.6735, 16.0983, 20.4788



17.3363, 16.0983, 17.5228



13.6717, 16.0983, 14.8843

Square

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



17.3363, 16.0983, 17.5228



15.2990, 16.0983, 12.5129



13.4315, 16.0983, 17.5338



15.3029, 16.0983, 23.7314

Rectangle

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



17.3363, 16.0983, 17.5228



16.5882, 16.0983, 13.5836



13.4315, 16.0983, 17.5338



14.0821, 16.0983, 22.1712

Sweetspot

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



17.3368, 16.0990, 17.5231



36.0798, 36.6481, 39.9910



17.4082, 16.0004, 23.6439



8.3507, 8.4552, 9.2274



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.3368, 16.0990, 17.5231



29.5231, 26.4850, 28.7097



17.5549, 17.1349, 15.7476



4.7203, 4.7078, 5.1393



9.5170, 4.8712, 2.0291



0.0357, 0.0180, 0.0213

Inverse Universe

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



17.3368, 16.0990, 17.5231



29.5231, 26.4850, 28.7097



17.3031, 19.4027, 24.3061



4.7203, 4.7078, 5.1393



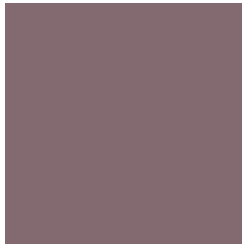
9.5170, 4.8712, 2.0291



0.0357, 0.0180, 0.0213

Previews

White Background



This preview shows how the XYZ color 17.3363, 16.0983, 17.5228 looks on a white background.

Color Contrast Check

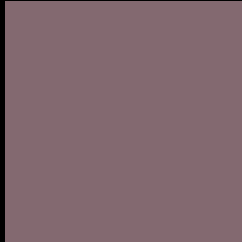
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3363, 16.0983, 17.5228 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 17.3363, 16.0983, 17.5228

Background



This preview shows how black text looks on a background with the XYZ color 17.3363, 16.0983, 17.5228.



This preview shows how white text looks on a background with the XYZ color 17.3363, 16.0983,

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

17.3363, 16.0983, 17.5228

Protanopia

15.6469, 16.1405, 18.8138

Deuteranopia

16.4002, 16.0838, 17.2790



Tritanopia

17.3923, 16.1207, 17.8177

Trichromacy



Original Color

17.3363, 16.0983, 17.5228

Protanomaly

16.3089, 16.1682, 18.4809

Deuteranomaly

16.7311, 16.0987, 17.2645

Tritanomaly

17.3923, 16.1207, 17.8177

Monochromacy



Original Color

17.3363, 16.0983, 17.5228

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.4108, 16.5542, 17.9531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3363, 16.0983, 17.5228 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(131, 105, 112)` looks like.

```
.text, #text, p{  
    color:rgb(131, 105, 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(131, 105, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 105, 112) }
```

Border

The CSS property to change the border of an element to XYZ 17.3363, 16.0983, 17.5228 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(131, 105, 112) }
```


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

```
.border{ border-color:rgb(131, 105, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 105, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 105, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 105, 112);  
box-shadow:4px 4px 4px 4px rgb(131, 105,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3363, 16.0983, 17.5228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 105, 112) }
```

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

```
.background{ background-color: rgb(131,  
105, 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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