

Converting Colors

XYZ(17.7453, 16.3073, 10.8067)

Have a look what the booklet for
XYZ(17.7453, 16.3073, 10.8067)
contains.

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Color

**XYZ(17.7453, 16.3073,
10.8067)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6855
RGB	142, 104, 85
RGB Percent	56%, 41%, 33%
CMY	0.4431, 0.5921, 0.6667
CMYK	0.00, 0.27, 0.40, 0.44
HSL	20°, 25%, 45%
HSV	20°, 40%, 56%
XYZ	17.7453, 16.3073, 10.8067
YIQ	113.1960, 28.7470, 2.1470

Conversions

Conversions Part 2

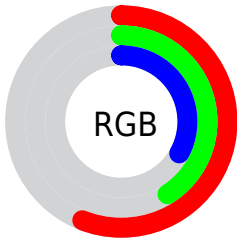
Format	Color
R_{YB}	142, 114, 85
Decimal	9332821
CIE _{Lab}	47.38, 12.60, 16.67
CIE _{LCh}	47, 20.896, 52.908
Yxy	16.3073, 0.3956, 0.3635
Android (android.graphics.Color)	4287522901 (0xFF8E6855)
YUV	113.1960, -13.9006, 25.2611
Hunter-Lab	40.3823, 7.7697, 12.4010

Details

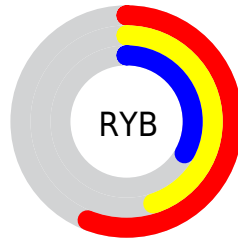
The XYZ color **17.7453, 16.3073, 10.8067** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.7114, 18.0494, 28.2468**, and the grayscale version is **15.7886, 16.6108, 18.0892**.

A 20% lighter version of the original color is **39.1205, 37.0623, 28.0135**, and **6.0626, 5.2531, 2.7019** is the 20% darker color. If you saturate the color by 10%, you get **16.3370, 14.3046, 7.8278**, and if you desaturate by 10%, it is **19.3747, 18.5708, 14.4182**.

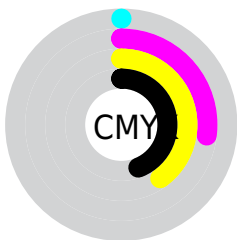
Distribution



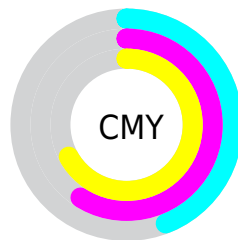
- Red (56%)
- Green (41%)
- Blue (33%)



- Red (56%)
- Yellow (45%)
- Blue (33%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)
- Black (44%)



- Cyan (44%)
- Magenta (59%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7453, 16.3073, 10.8067 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 17.7453, 16.3073, 10.8067 by changing the saturation by 10% instead.

■ 17.7453, 16.3073,
10.8067

■ 17.7453, 16.3073,
10.8067

232.5049,
231.1483, 207.0262

■ 10.8659, 9.7419,
5.8245

■ 39.1363, 37.1309,
27.9333

■ 6.0433, 5.2281,
2.6716

■ 54.3786, 52.1578,
40.9148

■ 2.9124, 2.3817,
0.9291

■ 73.1393, 70.7740,
57.3998

■ 1.1076, 0.8165,
0.0000

■ 95.7836, 93.3639,
77.8068

■ 0.0315, 0.0000,
0.0000

■ 122.6770,
120.3119, 102.5544

■ 0.0000, 0.0000,
0.0000

154.1848,

152.0024, 132.0612

190.6723,
188.8197, 166.7456

■ 17.7453, 16.3073,
10.8067

■ 17.7453, 16.3073,
10.8067

■ 16.3370, 14.3046,
7.8278

■ 19.3747, 18.5708,
14.4182

■ 15.1381, 12.5506,
5.4436

■ 21.2335, 21.1020,
18.6954

■ 14.1378, 11.0356,
3.6133

■ 23.3311, 23.9104,
23.6701

■ 13.3237, 9.7485,
2.2907

■ 25.6761, 27.0043,
29.3720

■ 12.6817, 8.6767,
1.4219

■ 28.2764, 30.3916,
35.8287

■ 12.1855, 7.8112,
0.8655

■ 31.1397, 34.0801,
43.0668

■ 34.2734, 38.0770,
51.1112

■ 37.6846, 42.3895,
59.9859

■ 41.3800, 47.0243,
69.7139

Harmonies

Analogous

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



19.0123, 16.3073, 14.0785



17.7453, 16.3073, 10.8067



15.9429, 16.3073, 9.4440

Triad

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



17.7453, 16.3073, 10.8067



12.2310, 16.3073, 16.5276



16.9258, 16.3073, 28.8894

Complementary

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



17.7453, 16.3073, 10.8067



15.7114, 18.0494, 28.2468

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.



15.0646, 16.3073, 29.9046



17.7453, 16.3073, 10.8067



12.4486, 16.3073, 22.0235

Square

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



17.7453, 16.3073, 10.8067



12.8319, 16.3073, 12.2935



13.4518, 16.3073, 27.1841



18.5135, 16.3073, 24.6354

Rectangle

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



17.7453, 16.3073, 10.8067



14.7186, 16.3073, 9.5623



13.4518, 16.3073, 27.1841



16.3078, 16.3073, 29.6512

Sweetspot

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



17.7457, 16.3081, 10.8070



40.3266, 41.0780, 39.7848



17.9790, 13.6780, 20.4314



8.9142, 9.0510, 8.6644



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.7457, 16.3081, 10.8070



29.0736, 25.6060, 14.3494



21.1142, 23.0451, 11.9299



5.5466, 5.6996, 5.6972



10.9564, 7.0446, 0.7823



0.1234, 0.1047, 0.0137

Inverse Universe

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



15.7114, 18.0494, 28.2468



24.9701, 29.0857, 49.4259



12.6763, 11.9791, 27.2351



5.4108, 5.8175, 6.8665



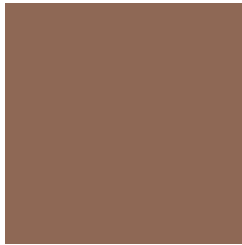
8.0477, 9.0813, 24.3058



0.0973, 0.1275, 0.2392

Previews

White Background



This preview shows how the XYZ color 17.7453, 16.3073, 10.8067 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 17.7453, 16.3073, 10.8067 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 17.7453, 16.3073, 10.8067

Background



This preview shows how black text looks on a background with the XYZ color 17.7453, 16.3073, 10.8067.



This preview shows how white text looks on a background with the XYZ color 17.7453, 16.3073,

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

17.7453, 16.3073, 10.8067

Protanopia

15.3431, 16.3027, 11.7893

Deuteranopia

16.6357, 16.3518, 10.6669



Tritanopia

18.8621, 16.3194, 16.3432

Trichromacy



Original Color

17.7453, 16.3073, 10.8067

Protanomaly

16.1322, 16.2311, 11.5152

Deuteranomaly

17.0113, 16.3897, 10.6544

Tritanomaly

18.3793, 16.2625, 14.2269

Monochromacy



Original Color

17.7453, 16.3073, 10.8067

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.3363, 16.4162, 15.1396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7453, 16.3073, 10.8067 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(142, 104, 85)` looks like.

```
.text, #text, p{  
    color:rgb(142, 104, 85)  
}
```

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(142, 104, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 104, 85) }
```

Border

The CSS property to change the border of an element to XYZ 17.7453, 16.3073, 10.8067 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(142, 104, 85) }
```


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

```
.border{ border-color:rgb(142, 104, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 104, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 104, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 104, 85);  
box-shadow:4px 4px 4px 4px rgb(142, 104,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7453, 16.3073, 10.8067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 104, 85) }
```

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

```
.background{ background-color: rgb(142,  
104, 85) }
```

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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