

Converting Colors

XYZ(16.5752, 14.5154, 10.7112)

Have a look what the booklet for
XYZ(16.5752, 14.5154, 10.7112)
contains.

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Color

**XYZ(16.6778, 14.6131,
10.7457)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6056
RGB	140, 96, 86
RGB Percent	55%, 38%, 34%
CMY	0.4510, 0.6235, 0.6627
CMYK	0.00, 0.31, 0.39, 0.45
HSL	11°, 24%, 44%
HSV	11°, 39%, 55%
XYZ	16.6778, 14.6131, 10.7457
YIQ	108.0160, 29.4340, 6.2180

Conversions

Conversions Part 2

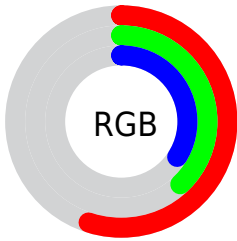
Format	Color
R _{YB}	140, 98, 86
Decimal	9199702
CIE Lab	45.10, 16.56, 12.92
CIE LCh	45, 21.004, 37.958
Yxy	14.6131, 0.3967, 0.3476
Android (android.graphics.Color)	4287389782 (0xFF8C6056)
YUV	108.0160, -10.8539, 28.0500
Hunter-Lab	38.2271, 10.9790, 10.0924

Details

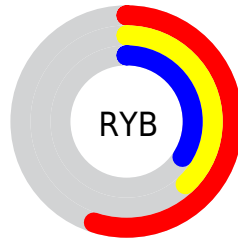
The XYZ color **16.6778, 14.6131, 10.7457** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.5536, 19.8363, 27.7672**, and the grayscale version is **14.2824, 15.0262, 16.3635**.

A 20% lighter version of the original color is **37.3833, 34.2471, 27.9326**, and **5.5231, 4.4314, 2.6621** is the 20% darker color. If you saturate the color by 10%, you get **15.2018, 12.4771, 7.7381**, and if you desaturate by 10%, it is **18.4161, 17.0968, 14.3862**.

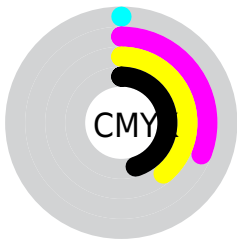
Distribution



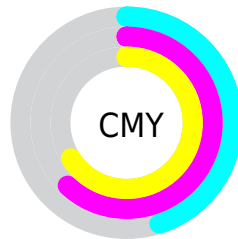
- Red (55%)
- Green (38%)
- Blue (34%)



- Red (55%)
- Yellow (38%)
- Blue (34%)



- Cyan (0%)
- Magenta (31%)
- Yellow (39%)
- Black (45%)



- Cyan (45%)
- Magenta (62%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6778, 14.6131, 10.7457 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 16.6778, 14.6131, 10.7457 by changing the saturation by 10% instead.

■ 16.6778, 14.6131,
10.7457

■ 16.6778, 14.6131,
10.7457

226.5014,
221.0123, 206.5889

■ 10.0989, 8.5483,
5.7841

■ 37.3190, 34.1730,
27.8184

■ 5.5274, 4.4478,
2.6476

■ 52.1120, 48.4369,
40.7665

■ 2.5978, 1.9270,
0.9169

■ 70.3738, 66.2026,
57.2140

■ 0.9448, 0.5646,
0.0000

■ 92.4696, 87.8545,
77.5792

■ 0.0000, 0.0000,
0.0000

■ 118.7650,
113.7771, 102.2807

149.6251,

144.3546, 131.7372

185.4155,
179.9716, 166.3671

■ 16.6778, 14.6131,
10.7457

■ 16.6778, 14.6131,
10.7457

■ 15.2018, 12.4771,
7.7381

■ 18.4161, 17.0968,
14.3862

■ 13.9740, 10.6711,
5.3263

■ 20.4276, 19.9405,
18.6921

■ 12.9808, 9.1791,
3.4705

■ 22.7239, 23.1588,
23.6948

■ 12.2064, 7.9828,
2.1258

■ 25.3158, 26.7646,
29.4233

■ 11.6333, 7.0620,
1.2402

■ 28.2133, 30.7702,
35.9051

■ 11.2312, 6.3898,
0.6989

■ 31.4259, 35.1876,
43.1662

■ 11.1831, 6.3113,
0.6288

■ 34.9629, 40.0279,
51.2312

■ 38.8331, 45.3022,
60.1240

■ 43.0449, 51.0208,
69.8671

Harmonies

Analogous

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



17.4474, 14.6131, 14.6296



16.6778, 14.6131, 10.7457



15.1742, 14.6131, 8.6193

Triad

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



16.6778, 14.6131, 10.7457



11.0311, 14.6131, 12.6000



14.3545, 14.6131, 27.3209

Complementary

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



16.6778, 14.6131, 10.7457



16.5536, 19.8363, 27.7672

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.



12.6791, 14.6131, 26.4639



16.6778, 14.6131, 10.7457



10.8512, 14.6131, 17.2656

Square

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



16.6778, 14.6131, 10.7457



11.9439, 14.6131, 9.5249



11.4304, 14.6131, 22.5126



16.0353, 14.6131, 24.6570

Rectangle

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



16.6778, 14.6131, 10.7457



14.0081, 14.6131, 8.1691



11.4304, 14.6131, 22.5126



13.7712, 14.6131, 27.4439

Sweetspot

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



16.6782, 14.6138, 10.7460



38.5131, 38.6626, 38.3813



18.1790, 13.8455, 22.8686



8.7700, 8.7626, 8.6163



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.



16.6782, 14.6138, 10.7460



27.1883, 22.5610, 14.4194



19.5655, 20.3885, 11.7084



5.1030, 5.1888, 5.2850



9.9482, 5.6308, 0.5625



0.0741, 0.0534, 0.0064

Inverse Universe

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



16.5536, 19.8363, 27.7672



26.9251, 33.0572, 48.7045



13.4317, 13.5924, 26.7266



5.0954, 5.5338, 6.4054



9.5724, 12.4152, 23.9375



0.0730, 0.1014, 0.1622

Previews

White Background



This preview shows how the XYZ color 16.6778, 14.6131, 10.7457 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 16.6778, 14.6131, 10.7457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

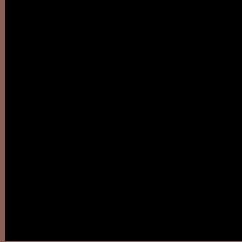
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.6778, 14.6131, 10.7457

Background



This preview shows how black text looks on a background with the XYZ color 16.6778, 14.6131, 10.7457.



This preview shows how white text looks on a background with the XYZ color 16.6778, 14.6131,

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

16.6778, 14.6131, 10.7457

Protanopia

13.9561, 14.7814, 12.0151

Deuteranopia

14.9474, 14.7163, 10.6471



Tritanopia

17.3362, 14.6077, 14.2178

Trichromacy



Original Color

16.6778, 14.6131, 10.7457

Protanomaly

14.8218, 14.6327, 11.4944

Deuteranomaly

15.4028, 14.5160, 10.5844

Tritanomaly

17.1880, 14.6917, 12.9962

Monochromacy



Original Color

16.6778, 14.6131, 10.7457

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.9963, 14.8138, 14.1256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6778, 14.6131, 10.7457 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(140, 96, 86)` looks like.

```
.text, #text, p{  
    color:rgb(140, 96, 86)  
}
```

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(140, 96, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 96, 86) }
```

Border

The CSS property to change the border of an element to XYZ 16.6778, 14.6131, 10.7457 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(140, 96, 86) }
```


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

```
.border{ border-color:rgb(140, 96, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 96, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 96, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 96, 86);  
box-shadow:4px 4px 4px 4px rgb(140, 96,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6778, 14.6131, 10.7457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 96, 86) }
```

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

```
.background{ background-color: rgb(140, 96,  
86) }
```

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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