

Converting Colors

XYZ(18.0916, 14.5665, 8.7872)

Have a look what the booklet for
XYZ(18.0916, 14.5665, 8.7872)
contains.

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Color

**XYZ(18.1326, 14.6205,
8.8875)**

Conversions

Conversions Part 1

Format	Color
Hex	995A4D
RGB	153, 90, 77
RGB Percent	60%, 35%, 30%
CMY	0.4000, 0.6470, 0.6980
CMYK	0.00, 0.41, 0.50, 0.40
HSL	10°, 33%, 45%
HSV	10°, 50%, 60%
XYZ	18.1326, 14.6205, 8.8875
YIQ	107.3550, 41.7210, 9.3130

Conversions

Conversions Part 2

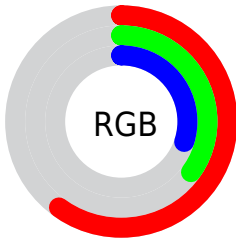
Format	Color
R _Y B	153, 93, 77
Decimal	10050125
CIE Lab	45.11, 24.43, 18.61
CIE LCh	45, 30.708, 37.292
Yxy	14.6205, 0.4355, 0.3511
Android (android.graphics.Color)	4288240205 (0xFF995A4D)
YUV	107.3550, -14.9650, 40.0307
Hunter-Lab	38.2368, 17.7338, 12.9848

Details

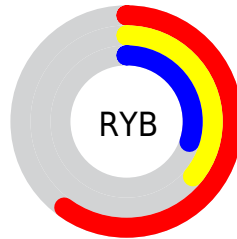
The XYZ color **18.1326, 14.6205, 8.8875** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.1878, 22.6326, 33.5468**, and the grayscale version is **14.1063, 14.8410, 16.1618**.

A 20% lighter version of the original color is **39.8691, 34.2577, 24.2497**, and **6.2840, 4.4902, 1.9743** is the 20% darker color. If you saturate the color by 10%, you get **16.6746, 12.4698, 6.0426**, and if you desaturate by 10%, it is **19.9009, 17.1886, 12.4631**.

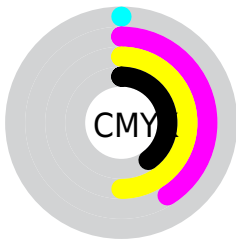
Distribution



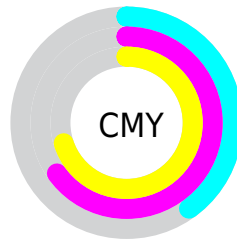
- Red (60%)
- Green (35%)
- Blue (30%)



- Red (60%)
- Yellow (36%)
- Blue (30%)



- Cyan (0%)
- Magenta (41%)
- Yellow (50%)
- Black (40%)





- Cyan (40%)
- Magenta (65%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.1326, 14.6205, 8.8875 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 18.1326, 14.6205, 8.8875 by changing the saturation by 10% instead.


 18.1326, 14.6205,
8.8875


 18.1326, 14.6205,
8.8875


234.6485,
221.0576, 192.7235


 11.1455, 8.5535,
4.5721


 39.7915, 34.1860,
24.2551


 6.2328, 4.4511,
1.9441


 55.1939, 48.4533,
36.1443

 3.0291, 1.9290,
0.5206

 74.1322, 66.2229,
51.3951

 1.1692, 0.5657,
0.0000

 96.9717, 87.8790,
70.4262

 0.0818, 0.0000,
0.0000

 124.0777,
113.8061, 93.6561

 0.0000, 0.0000,
0.0000

155.8156,

144.3887, 121.5032

192.5508,
180.0110, 154.3862

■ 18.1326, 14.6205,
8.8875

■ 18.1326, 14.6205,
8.8875

■ 16.6746, 12.4698,
6.0426

■ 19.9009, 17.1886,
12.4631

■ 15.5076, 10.7122,
3.8767

■ 21.9953, 20.1923,
16.8144

■ 14.6116, 9.3240,
2.3329

■ 24.4316, 23.6515,
21.9838

■ 13.9635, 8.2784,
1.3444

■ 27.2243, 27.5841,
28.0104

■ 13.5223, 7.5388,
0.7568

■ 30.3873, 32.0073,
34.9307

■ 13.5102, 7.5190,
0.7393

■ 33.9334, 36.9370,
42.7791

■ 37.8749, 42.3888,
51.5883

■ 42.2237, 48.3774,
61.3893

■ 46.9910, 54.9169,
72.2117

Harmonies

Analogous

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



19.2962, 14.6205, 14.2171



18.1326, 14.6205, 8.8875



15.8583, 14.6205, 6.2219

Triad

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



18.1326, 14.6205, 8.8875



9.8778, 14.6205, 11.1278



14.5224, 14.6205, 34.1019

Complementary

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



18.1326, 14.6205, 8.8875



18.1878, 22.6326, 33.5468

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.



12.1033, 14.6205, 32.5210



18.1326, 14.6205, 8.8875



9.6115, 14.6205, 17.7521

Square

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



18.1326, 14.6205, 8.8875



11.1548, 14.6205, 7.2149



10.3773, 14.6205, 25.9293



17.0539, 14.6205, 29.7588

Rectangle

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



18.1326, 14.6205, 8.8875



14.1273, 14.6205, 5.6706



10.3773, 14.6205, 25.9293



13.6680, 14.6205, 34.2634

Sweetspot

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



18.1330, 14.6212, 8.8878



45.8631, 45.3333, 43.9011



20.5490, 13.9834, 26.5560



9.9188, 9.7165, 9.2457



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.1330, 14.6212, 8.8878



29.5137, 21.8117, 10.1590



22.1522, 22.6597, 10.2275



6.2900, 6.3851, 6.5068



11.1840, 6.2504, 0.6170



0.1860, 0.1310, 0.0155

Inverse Universe

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



18.1878, 22.6326, 33.5468



29.5845, 37.8374, 59.7161



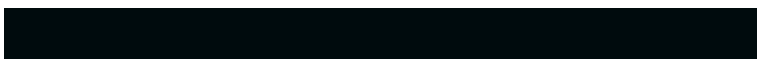
13.5946, 13.4462, 32.0157



6.2946, 6.8466, 7.9187



11.0266, 14.4498, 27.1156



0.1858, 0.2580, 0.4124

Previews

White Background



This preview shows how the XYZ color 18.1326, 14.6205, 8.8875 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 18.1326, 14.6205, 8.8875 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 18.1326, 14.6205, 8.8875

Background



This preview shows how black text looks on a background with the XYZ color 18.1326, 14.6205, 8.8875.



This preview shows how white text looks on a background with the XYZ color 18.1326, 14.6205,

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

18.1326, 14.6205, 8.8875

Protanopia

13.8368, 14.7487, 10.7118

Deuteranopia

15.0223, 14.7977, 8.7211



Tritanopia

18.8365, 14.6576, 12.4261

Trichromacy



Original Color

18.1326, 14.6205, 8.8875

Protanomaly

15.0788, 14.5058, 9.9878

Deuteranomaly

15.9887, 14.5755, 8.8081

Tritanomaly

18.6603, 14.7194, 11.0901

Monochromacy



Original Color

18.1326, 14.6205, 8.8875

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.0772, 14.4370, 13.0583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1326, 14.6205, 8.8875 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(153, 90, 77)` looks like.

```
.text, #text, p{  
    color:rgb(153, 90, 77)  
}
```

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(153, 90, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 90, 77) }
```

Border

The CSS property to change the border of an element to XYZ 18.1326, 14.6205, 8.8875 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(153, 90, 77) }
```


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

```
.border{ border-color:rgb(153, 90, 77) }
```

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

Here you see how a box with a 4 pixel rgb(153, 90, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 90, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 90, 77);  
box-shadow:4px 4px 4px 4px rgb(153, 90,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1326, 14.6205, 8.8875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 90, 77) }
```

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

```
.background{ background-color: rgb(153, 90,  
77) }
```

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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