

Converting Colors

XYZ(16.9452, 14.7242, 15.5605)

Have a look what the booklet for
XYZ(16.9452, 14.7242, 15.5605)
contains.

XYZ(17.0296, 14.8242, 15.5995)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.0296, 14.8242,
15.5995)**

Conversions

Conversions Part 1

Format	Color
Hex	88616A
RGB	136, 97, 106
RGB Percent	53%, 38%, 42%
CMY	0.4667, 0.6196, 0.5843
CMYK	0.00, 0.29, 0.22, 0.47
HSL	346°, 17%, 46%
HSV	346°, 29%, 53%
XYZ	17.0296, 14.8242, 15.5995
YIQ	109.6870, 20.3550, 11.0670

Conversions

Conversions Part 2

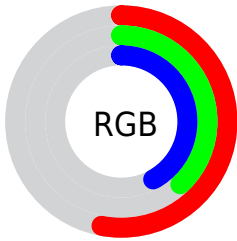
Format	Color
R_{YB}	136, 97, 106
Decimal	8937834
CIE _{Lab}	45.39, 17.25, 1.20
CIE _{LCh}	45, 17.295, 3.969
Yxy	14.8242, 0.3589, 0.3124
Android (android.graphics.Color)	4287127914 (0xFF88616A)
YUV	109.6870, -1.8177, 23.0765
Hunter-Lab	38.5022, 11.5720, 2.9297

Details

The XYZ color **17.0296, 14.8242, 15.5995** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.5653, 21.6825, 23.3391**, and the grayscale version is **14.7327, 15.4999, 16.8794**.

A 20% lighter version of the original color is **37.9109, 34.5613, 36.5712**, and **5.6763, 4.5283, 4.7125** is the 20% darker color. If you saturate the color by 10%, you get **15.3678, 12.3187, 12.5231**, and if you desaturate by 10%, it is **18.9741, 17.7885, 19.0980**.

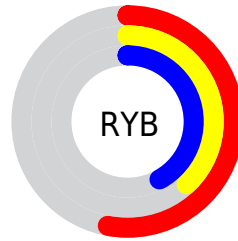
Distribution



Red (53%)

Green (38%)

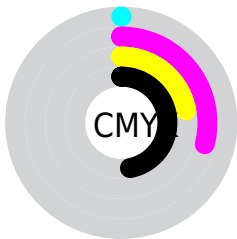
Blue (42%)



Red (53%)

Yellow (38%)

Blue (42%)

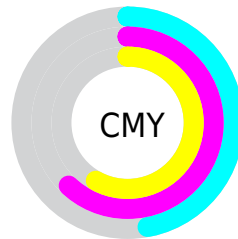


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (47%)



Cyan (47%)


Magenta (62%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.0296, 14.8242, 15.5995 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 17.0296, 14.8242, 15.5995 by changing the saturation by 10% instead.


 17.0296, 14.8242,
15.5995


 17.0296, 14.8242,
15.5995


228.4958,
222.2997, 238.7312


 10.3510, 8.6961,
9.0899


 37.9199, 34.5445,
36.6586


 5.6964, 4.5435,
4.7023

 52.8623, 48.9054,
52.0451

 2.7002, 1.9820,
2.0180

 71.2900, 66.7795,
71.2278

 0.9973, 0.5970,
0.5663

 93.5684, 88.5510,
94.6251

 0.0000, 0.0000,
0.0000

120.0628,
114.6044, 122.6555

151.1386,

145.3240, 155.7376

187.1612,
181.0943, 194.2900

■ 17.0296, 14.8242,
15.5995

■ 17.0296, 14.8242,
15.5995

■ 15.3678, 12.3187,
12.5231

■ 18.9741, 17.7885,
19.0980

■ 13.9741, 10.2471,
9.8516

■ 21.2125, 21.2310,
23.0331

■ 12.8343, 8.5851,
7.5682

■ 23.7570, 25.1722,
27.4195

■ 11.9327, 7.3052,
5.6543

■ 26.6185, 29.6310,
32.2710

■ 11.2515, 6.3766,
4.0897

■ 29.8077, 34.6252,
37.6010

■ 10.7703, 5.7635,
2.8523

■ 33.3345, 40.1719,
43.4220

■ 10.4443, 5.3819,
1.9100

■ 37.2085, 46.2873,
49.7464

■ 10.4058, 5.3352,
1.8040

■ 41.4389, 52.9870,
56.5860

■ 46.0346, 60.2859,
63.9521

Harmonies

Analogous

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



16.7210, 14.8242, 19.8682



17.0296, 14.8242, 15.5995



16.5076, 14.8242, 12.1115

Triad

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



17.0296, 14.8242, 15.5995



12.6020, 14.8242, 10.4283



12.9120, 14.8242, 24.3454

Complementary

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



17.0296, 14.8242, 15.5995



17.5653, 21.6825, 23.3391

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.



11.9207, 14.8242, 20.9778



17.0296, 14.8242, 15.5995



11.7505, 14.8242, 12.9118

Square

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



17.0296, 14.8242, 15.5995



13.8996, 14.8242, 9.4646



11.5097, 14.8242, 16.6950



14.2821, 14.8242, 25.3906

Rectangle

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



17.0296, 14.8242, 15.5995



15.7783, 14.8242, 10.5508



11.5097, 14.8242, 16.6950



12.5266, 14.8242, 23.4223

Sweetspot

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



17.0300, 14.8249, 15.5998



37.1638, 37.0776, 40.2102



17.4567, 14.8320, 25.2356



8.4826, 8.3954, 9.0958



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.0300, 14.8249, 15.5998



28.1778, 23.3542, 24.1170



17.6110, 16.6969, 13.6046



5.0771, 5.0663, 5.4944



9.8518, 5.0509, 1.7241



0.0703, 0.0355, 0.0369

Inverse Universe

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



17.0300, 14.8249, 15.5998



28.1778, 23.3542, 24.1170



16.7841, 19.1391, 26.1025



5.0771, 5.0663, 5.4944



9.8518, 5.0509, 1.7241



0.0703, 0.0355, 0.0369

Previews

White Background



This preview shows how the XYZ color 17.0296, 14.8242, 15.5995 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 17.0296, 14.8242, 15.5995 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 17.0296, 14.8242, 15.5995

Background



This preview shows how black text looks on a background with the XYZ color 17.0296, 14.8242, 15.5995.



This preview shows how white text looks on a background with the XYZ color 17.0296, 14.8242,

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

17.0296, 14.8242, 15.5995

Protanopia

14.3667, 14.8734, 17.4429

Deuteranopia

15.1079, 14.8425, 15.4332



Tritanopia

16.9778, 14.8035, 15.3271

Trichromacy



Original Color

17.0296, 14.8242, 15.5995

Protanomaly

15.1359, 14.6778, 16.7872

Deuteranomaly

15.6609, 14.6873, 15.3741

Tritanomaly

16.9778, 14.8035, 15.3271

Monochromacy



Original Color

17.0296, 14.8242, 15.5995

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.4196, 15.1292, 16.5755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0296, 14.8242, 15.5995 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(136, 97, 106)` looks like.

```
.text, #text, p{  
    color:rgb(136, 97, 106)  
}
```

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(136, 97, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 97, 106) }
```

Border

The CSS property to change the border of an element to XYZ 17.0296, 14.8242, 15.5995 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(136, 97, 106) }
```


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

```
.border{ border-color:rgb(136, 97, 106) }
```

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

Here you see how a box with a 4 pixel rgb(136, 97, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 97, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 97, 106);  
box-shadow:4px 4px 4px 4px rgb(136, 97,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0296, 14.8242, 15.5995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 97, 106) }
```

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

```
.background{ background-color: rgb(136, 97,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor