

Converting Colors

XYZ(19.5383, 17.6941, 16.9635)

Have a look what the booklet for
XYZ(19.5383, 17.6941, 16.9635)
contains.

XYZ(19.4506, 17.6689, 16.8533)	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(19.4506, 17.6689,
16.8533)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6C6D
RGB	143, 108, 109
RGB Percent	56%, 42%, 43%
CMY	0.4392, 0.5765, 0.5725
CMYK	0.00, 0.24, 0.24, 0.44
HSL	358°, 14%, 49%
HSV	358°, 24%, 56%
XYZ	19.4506, 17.6689, 16.8533
YIQ	118.5790, 20.5390, 7.7310

Conversions

Conversions Part 2

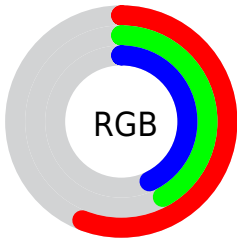
Format	Color
R_{YB}	143, 108, 109
Decimal	9399405
CIE _{Lab}	49.09, 14.08, 4.84
CIE _{LCh}	49, 14.888, 18.988
Yxy	17.6689, 0.3604, 0.3274
Android (android.graphics.Color)	4287589485 (0xFF8F6C6D)
YUV	118.5790, -4.7224, 21.4172
Hunter-Lab	42.0344, 9.0372, 5.6523

Details

The XYZ color **19.4506, 17.6689, 16.8533** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.8900, 24.7865, 29.2757**, and the grayscale version is **17.4120, 18.3188, 19.9491**.

A 20% lighter version of the original color is **41.9419, 39.5500, 38.6810**, and **6.8990, 5.8548, 5.3239** is the 20% darker color. If you saturate the color by 10%, you get **17.3747, 14.6207, 12.7586**, and if you desaturate by 10%, it is **21.8931, 21.2608, 21.6538**.

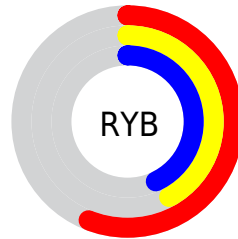
Distribution



Red (56%)

Green (42%)

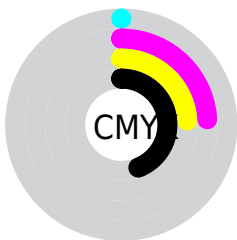
Blue (43%)



Red (56%)

Yellow (42%)

Blue (43%)

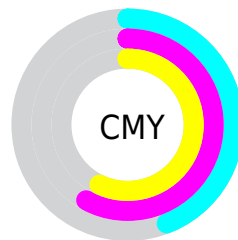


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (44%)



Cyan (44%)


Magenta (58%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.4506, 17.6689, 16.8533 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 19.4506, 17.6689, 16.8533 by changing the saturation by 10% instead.


 19.4506, 17.6689,
16.8533


 19.4506, 17.6689,
16.8533


241.8158,
238.9981, 246.3408


 12.1023, 10.7125,
9.9691

 42.0051, 39.4723,
38.8606


 6.8860, 5.8739,
5.2731


 57.9421, 55.0882,
54.8207

 3.4366, 2.7685,
2.3469

 77.4725, 74.3593,
74.6433

 1.3886, 1.0121,
0.7573

 100.9619, 97.6701,
98.7467

 0.2481, 0.0000,
0.0000

128.7756,
125.4050, 127.5497

 0.0000, 0.0000,
0.0000

161.2789,

157.9484, 161.4707

198.8372,
195.6846, 200.9282

■ 19.4506, 17.6689,
16.8533

■ 19.4506, 17.6689,
16.8533

■ 17.3747, 14.6207,
12.7586

■ 21.8931, 21.2608,
21.6538

■ 15.6463, 12.0874,
9.3355

■ 24.7172, 25.4185,
27.1900

■ 14.2469, 10.0413,
6.5484

■ 27.9387, 30.1659,
33.4915

■ 13.1556, 8.4512,
4.3582

■ 31.5722, 35.5246,
40.5859

■ 12.3492, 7.2822,
2.7213

■ 35.6316, 41.5152,
48.4992

■ 11.8011, 6.4943,
1.5882

■ 40.1299, 48.1576,
57.2566

■ 11.4784, 6.0372,
0.9003

■ 45.0798, 55.4705,
66.8820

■ 11.3501, 5.8486,
0.6477

■ 50.4935, 63.4719,
77.3983

■ 56.3825, 72.1793,
88.8277

Harmonies

Analogous

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



19.5569, 17.6689, 20.7383



19.4506, 17.6689, 16.8533



18.6099, 17.6689, 14.0202

Triad

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



19.4506, 17.6689, 16.8533



14.8562, 17.6689, 14.6389



16.2883, 17.6689, 27.7748

Complementary

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



19.4506, 17.6689, 16.8533



20.8900, 24.7865, 29.2757

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.



15.0998, 17.6689, 25.6132



19.4506, 17.6689, 16.8533



14.3039, 17.6689, 17.8127

Square

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



19.4506, 17.6689, 16.8533



15.9389, 17.6689, 12.8689



14.3906, 17.6689, 21.8386



17.6787, 17.6689, 27.4242

Rectangle

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



19.4506, 17.6689, 16.8533



17.7707, 17.6689, 12.9398



14.3906, 17.6689, 21.8386



15.8533, 17.6689, 27.3072

Sweetspot

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



19.4511, 17.6697, 16.8537



42.8431, 43.4271, 45.9088



21.4478, 18.4452, 28.4166



9.7653, 9.8710, 10.4111



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.4511, 17.6697, 16.8537



32.8425, 28.7186, 26.2587



21.2845, 21.4220, 17.2014



5.4147, 5.4264, 5.6819



10.0369, 5.1718, 0.5798



0.0970, 0.0498, 0.0108

Inverse Universe

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



19.4511, 17.6697, 16.8537



32.8425, 28.7186, 26.2587



18.6894, 20.2648, 28.9133



5.4147, 5.4264, 5.6819



10.0369, 5.1718, 0.5798



0.0970, 0.0498, 0.0108

Previews

White Background



This preview shows how the XYZ color 19.4506, 17.6689, 16.8533 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 19.4506, 17.6689, 16.8533 looks on a black 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

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

XYZ 19.4506, 17.6689, 16.8533

Background



This preview shows how black text looks on a background with the XYZ color 19.4506, 17.6689, 16.8533.



This preview shows how white text looks on a background with the XYZ color 19.4506, 17.6689,

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

19.4506, 17.6689, 16.8533

Protanopia

17.0284, 17.6988, 18.4383

Deuteranopia

17.9720, 17.7183, 16.6601



Tritanopia

19.8538, 17.6825, 18.5863

Trichromacy



Original Color

19.4506, 17.6689, 16.8533

Protanomaly

17.7318, 17.5693, 17.7859

Deuteranomaly

18.3829, 17.6025, 16.6161

Tritanomaly

19.7399, 17.6369, 17.9866

Monochromacy



Original Color

19.4506, 17.6689, 16.8533

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.1273, 18.0885, 18.7557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4506, 17.6689, 16.8533 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(143, 108, 109)` looks like.

```
.text, #text, p{  
    color:rgb(143, 108, 109)  
}
```

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(143, 108, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 108, 109) }
```

Border

The CSS property to change the border of an element to XYZ 19.4506, 17.6689, 16.8533 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(143, 108, 109) }
```


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

```
.border{ border-color:rgb(143, 108, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 108, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 108, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 108, 109);  
box-shadow:4px 4px 4px 4px rgb(143, 108,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4506, 17.6689, 16.8533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 108, 109) }
```

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

```
.background{ background-color: rgb(143,  
108, 109) }
```

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