

Converting Colors

XYZ(19.4017, 17.9213, 11.4534)

Have a look what the booklet for
XYZ(19.4017, 17.9213, 11.4534)
contains.

XYZ(19.4017, 17.9213, 11.4534)	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(19.4017, 17.9213,
11.4534)**

Conversions

Conversions Part 1

Format	Color
Hex	946D57
RGB	148, 109, 87
RGB Percent	58%, 43%, 34%
CMY	0.4196, 0.5725, 0.6588
CMYK	0.00, 0.26, 0.41, 0.42
HSL	22°, 26%, 46%
HSV	22°, 41%, 58%
XYZ	19.4017, 17.9213, 11.4534
YIQ	118.1530, 30.3060, 1.4260

Conversions

Conversions Part 2

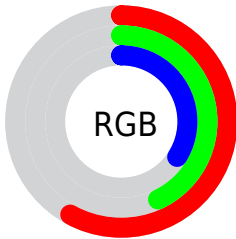
Format	Color
R_{YB}	148, 121, 87
Decimal	9727319
CIE Lab	49.40, 12.50, 18.35
CIE LCh	49, 22.202, 55.734
Yxy	17.9213, 0.3978, 0.3674
Android (android.graphics.Color)	4287917399 (0xFF946D57)
YUV	118.1530, -15.3584, 26.1758
Hunter-Lab	42.3336, 7.7238, 13.5925

Details

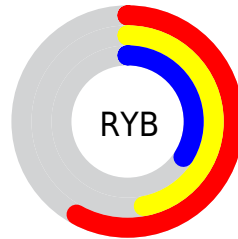
The XYZ color **19.4017, 17.9213, 11.4534** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.7364, 19.0854, 30.8188**, and the grayscale version is **17.3082, 18.2096, 19.8302**.

A 20% lighter version of the original color is **41.8888, 39.9924, 29.1784**, and **6.7883, 5.9305, 2.8847** is the 20% darker color. If you saturate the color by 10%, you get **17.9024, 15.7932, 8.2702**, and if you desaturate by 10%, it is **21.1346, 20.3180, 15.3266**.

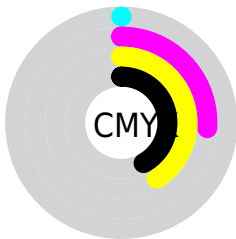
Distribution



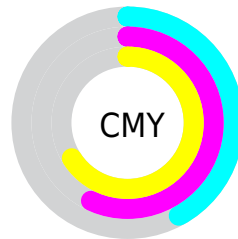
- Red (58%)
- Green (43%)
- Blue (34%)



- Red (58%)
- Yellow (47%)
- Blue (34%)



- Cyan (0%)
- Magenta (26%)
- Yellow (41%)
- Black (42%)



- Cyan (42%)
- Magenta (57%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4017, 17.9213, 11.4534 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 19.4017, 17.9213, 11.4534 by changing the saturation by 10% instead.

■ 19.4017, 17.9213,
11.4534

■ 19.4017, 17.9213,
11.4534

241.5533,
240.4271, 211.6001

■ 12.0666, 10.8935,
6.2547

■ 41.9234, 39.9032,
29.1449

■ 6.8616, 5.9953,
2.9293

■ 57.8408, 55.6260,
42.4748

■ 3.4212, 2.8422,
1.0586

■ 77.3496, 75.0161,
59.3522

■ 1.3802, 1.0499,
0.0000

■ 100.8153, 98.4576,
80.1956

■ 0.2421, 0.0000,
0.0000

■ 128.6031,
126.3351, 105.4236

■ 0.0000, 0.0000,
0.0000

161.0785,

159.0329, 135.4546

198.6067,
196.9354, 170.7073

■ 19.4017, 17.9213,
11.4534

■ 19.4017, 17.9213,
11.4534

■ 17.9024, 15.7932,
8.2702

■ 21.1346, 20.3180,
15.3266

■ 16.6243, 13.9213,
5.7344

■ 23.1099, 22.9902,
19.9264

■ 15.5557, 12.2959,
3.8008

■ 25.3377, 25.9475,
25.2884

■ 14.6833, 10.9054,
2.4172

■ 27.8271, 29.1983,
31.4454

■ 13.9916, 9.7373,
1.5228

■ 30.5867, 32.7508,
38.4281

■ 13.5035, 8.8774,
1.0018

■ 33.6245, 36.6126,
46.2659

■ 36.9485, 40.7913,
54.9864

■ 40.5661, 45.2939,
64.6163

■ 44.4845, 50.1276,
75.1809

Harmonies

Analogous

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



20.9225, 17.9213, 14.9242



19.4017, 17.9213, 11.4534



17.3348, 17.9213, 10.1280

Triad

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



19.4017, 17.9213, 11.4534



13.3271, 17.9213, 18.6683



18.8416, 17.9213, 31.8472

Complementary

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



19.4017, 17.9213, 11.4534



16.7364, 19.0854, 30.8188

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.



16.7360, 17.9213, 33.4126



19.4017, 17.9213, 11.4534



13.6593, 17.9213, 24.9580

Square

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



19.4017, 17.9213, 11.4534



13.9193, 17.9213, 13.7163



14.8666, 17.9213, 30.6733



20.5810, 17.9213, 26.7492

Rectangle

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



19.4017, 17.9213, 11.4534



15.9654, 17.9213, 10.3885



14.8666, 17.9213, 30.6733



18.1485, 17.9213, 32.8434

Sweetspot

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



19.4022, 17.9222, 11.4538



44.2836, 45.2251, 43.5878



19.4290, 14.6357, 21.7604



10.0018, 10.1824, 9.6896



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.4022, 17.9222, 11.4538



31.8937, 28.3061, 15.2238



23.1440, 25.4059, 12.7011



5.9618, 6.1375, 6.1109



11.5582, 7.6308, 0.8637



0.1676, 0.1457, 0.0193

Inverse Universe

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



16.7364, 19.0854, 30.8188



26.5515, 30.6091, 53.9433



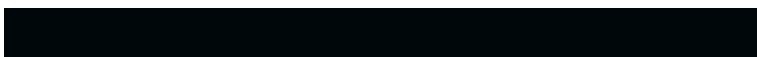
13.4725, 12.5577, 29.7308



5.7899, 6.2139, 7.3640



8.0580, 8.8107, 25.2070



0.1267, 0.1639, 0.3179

Previews

White Background



This preview shows how the XYZ color 19.4017, 17.9213, 11.4534 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 19.4017, 17.9213, 11.4534 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 19.4017, 17.9213, 11.4534

Background



This preview shows how black text looks on a background with the XYZ color 19.4017, 17.9213, 11.4534.



This preview shows how white text looks on a background with the XYZ color 19.4017, 17.9213,

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

19.4017, 17.9213, 11.4534

Protanopia

16.9709, 18.1478, 12.5059

Deuteranopia

18.2323, 17.9711, 11.3119



Tritanopia

20.6099, 17.7794, 17.9683

Trichromacy



Original Color

19.4017, 17.9213, 11.4534

Protanomaly

17.8077, 18.0680, 12.2218

Deuteranomaly

18.6292, 18.0110, 11.2987

Tritanomaly

20.0472, 17.6971, 15.4560

Monochromacy



Original Color

19.4017, 17.9213, 11.4534

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.8378, 17.9901, 16.4422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4017, 17.9213, 11.4534 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(148, 109, 87)` looks like.

```
.text, #text, p{  
    color:rgb(148, 109, 87)  
}
```

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(148, 109, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 109, 87) }
```

Border

The CSS property to change the border of an element to XYZ 19.4017, 17.9213, 11.4534 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(148, 109, 87) }
```


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

```
.border{ border-color:rgb(148, 109, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 109, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 109, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 109, 87);  
box-shadow:4px 4px 4px 4px rgb(148, 109,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4017, 17.9213, 11.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 109, 87) }
```

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

```
.background{ background-color: rgb(148,  
109, 87) }
```

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