

Converting Colors

XYZ(19.5687, 17.2004, 15.4809)

Have a look what the booklet for
XYZ(19.5687, 17.2004, 15.4809)
contains.

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Color

**XYZ(19.4816, 17.1031,
15.3711)**

Conversions

Conversions Part 1

Format	Color
Hex	936868
RGB	147, 104, 104
RGB Percent	58%, 41%, 41%
CMY	0.4235, 0.5921, 0.5922
CMYK	0.00, 0.29, 0.29, 0.42
HSL	0°, 17%, 49%
HSV	0°, 29%, 58%
XYZ	19.4816, 17.1031, 15.3711
YIQ	116.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

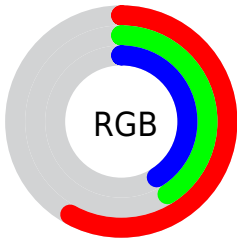
Format	Color
R_{YB}	147, 104, 104
Decimal	9660520
CIE _{Lab}	48.39, 17.26, 6.88
CIE _{LCh}	48, 18.581, 21.726
Yxy	17.1031, 0.3750, 0.3292
Android (android.graphics.Color)	4287850600 (0xFF936868)
YUV	116.8570, -6.3385, 26.4354
Hunter-Lab	41.3559, 11.7135, 6.9123

Details

The XYZ color **19.4816, 17.1031, 15.3711** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.4088, 25.9163, 31.4778**, and the grayscale version is **16.8780, 17.7570, 19.3374**.

A 20% lighter version of the original color is **41.9949, 38.3658, 36.2023**, and **6.8720, 5.5567, 4.5812** is the 20% darker color. If you saturate the color by 10%, you get **17.4463, 14.1249, 11.3244**, and if you desaturate by 10%, it is **21.9060, 20.6508, 20.1901**.

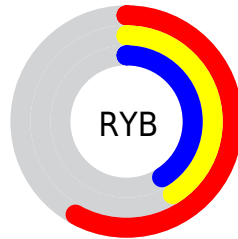
Distribution



Red (58%)

Green (41%)

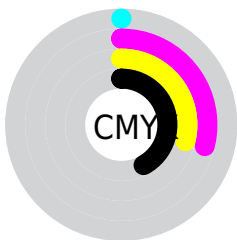
Blue (41%)



Red (58%)

Yellow (41%)

Blue (41%)

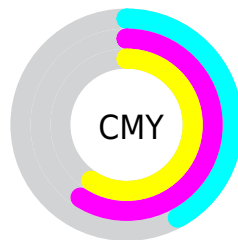


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (42%)



Cyan (42%)


Magenta (59%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.4816, 17.1031, 15.3711 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 19.4816, 17.1031, 15.3711 by changing the saturation by 10% instead.


 19.4816, 17.1031,
15.3711


 19.4816, 17.1031,
15.3711


241.9821,
235.7658, 237.3192


 12.1248, 10.3080,
8.9307


 42.0569, 38.5030,
36.2544


 6.9016, 5.6037,
4.5998


 58.0062, 53.8765,
51.5343

 3.4464, 2.6056,
1.9598

 77.5504, 72.8784,
70.5979

 1.3940, 0.9295,
0.5304

 101.0548, 95.8929,
93.8637

 0.2519, 0.0000,
0.0000

128.8849,
123.3045, 121.7502

 0.0000, 0.0000,
0.0000

161.4059,

155.4976, 154.6759

198.9832,
192.8566, 193.0594

■ 19.4816, 17.1031,
15.3711

■ 19.4816, 17.1031,
15.3711

■ 17.4463, 14.1249,
11.3244

■ 21.9060, 20.6508,
20.1901

■ 15.7784, 11.6844,
8.0089

■ 24.7367, 24.7929,
25.8175

■ 14.4566, 9.7502,
5.3812

■ 27.9916, 29.5558,
32.2883

■ 13.4565, 8.2867,
3.3932

■ 31.6873, 34.9636,
39.6353

■ 12.7507, 7.2539,
1.9902

■ 35.8393, 41.0390,
47.8895

■ 12.3072, 6.6048,
1.1086

■ 40.4624, 47.8039,
57.0804

■ 12.0507, 6.2296,
0.5989

■ 45.5708, 55.2788,
67.2360

■ 12.0328, 6.2033,
0.5632

■ 51.1780, 63.4837,
78.3833

■ 57.2971, 72.4375,
90.5482

Harmonies

Analogous

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



19.7058, 17.1031, 20.0007



19.4816, 17.1031, 15.3711



18.3634, 17.1031, 12.2039

Triad

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



19.4816, 17.1031, 15.3711



13.8251, 17.1031, 13.4100



15.7906, 17.1031, 29.4930

Complementary

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



19.4816, 17.1031, 15.3711



21.4088, 25.9163, 31.4778

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.



14.3163, 17.1031, 26.9700



19.4816, 17.1031, 15.3711



13.2343, 17.1031, 17.3088

Square

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



19.4816, 17.1031, 15.3711



15.0771, 17.1031, 11.2165



13.4076, 17.1031, 22.3025



17.4948, 17.1031, 28.7295

Rectangle

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



19.4816, 17.1031, 15.3711



17.3014, 17.1031, 11.0797



13.4076, 17.1031, 22.3025



15.2535, 17.1031, 28.9874

Sweetspot

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



19.4821, 17.1039, 15.3714



44.3360, 44.4533, 46.3072



22.2495, 18.2104, 29.9461



9.9557, 9.9059, 10.2424



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.



19.4821, 17.1039, 15.3714



32.4541, 27.0669, 22.6865



21.9285, 21.9968, 16.1869



5.8008, 5.8154, 6.0572



10.4318, 5.3779, 0.4882



0.1277, 0.0658, 0.0060

Inverse Universe

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



21.4088, 25.9163, 31.4778



36.4733, 45.4498, 56.2849



18.3726, 19.8439, 30.4658



5.9641, 6.5622, 7.4220



13.6099, 19.9146, 27.0576



0.1666, 0.2438, 0.3312

Previews

White Background



This preview shows how the XYZ color 19.4816, 17.1031, 15.3711 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 19.4816, 17.1031, 15.3711 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 19.4816, 17.1031, 15.3711

Background



This preview shows how black text looks on a background with the XYZ color 19.4816, 17.1031, 15.3711.



This preview shows how white text looks on a background with the XYZ color 19.4816, 17.1031,

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

19.4816, 17.1031, 15.3711

Protanopia

16.5530, 17.3092, 17.2204

Deuteranopia

17.4927, 17.1734, 15.2248



Tritanopia

19.9322, 17.1441, 17.2975

Trichromacy



Original Color

19.4816, 17.1031, 15.3711

Protanomaly

17.4445, 17.1187, 16.5722

Deuteranomaly

18.1273, 17.0228, 15.1623

Tritanomaly

19.7698, 17.0791, 16.4420

Monochromacy



Original Color

19.4816, 17.1031, 15.3711

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.6209, 17.3474, 17.7489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4816, 17.1031, 15.3711 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(147, 104, 104)` looks like.

```
.text, #text, p{  
    color:rgb(147, 104, 104)  
}
```

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(147, 104, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 104, 104) }
```

Border

The CSS property to change the border of an element to XYZ 19.4816, 17.1031, 15.3711 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(147, 104, 104) }
```


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

```
.border{ border-color:rgb(147, 104, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 104, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 104, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 104, 104); box-shadow:4px 4px 4px 4px rgb(147, 104, 104) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4816, 17.1031, 15.3711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 104, 104) }
```

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

```
.background{ background-color: rgb(147,  
104, 104) }
```

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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