

Converting Colors

XYZ(19.0411, 18.6135, 8.7201)

Have a look what the booklet for
XYZ(19.0411, 18.6135, 8.7201)
contains.

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Color

**XYZ(19.0411, 18.6135,
8.7201)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 927248 |
| RGB | 146, 114, 72 |
| RGB Percent | 57%, 45%, 28% |
| CMY | 0.4275, 0.5529, 0.7176 |
| CMYK | 0.00, 0.22, 0.51, 0.43 |
| HSL | 34°, 34%, 43% |
| HSV | 34°, 51%, 57% |
| XYZ | 19.0411, 18.6135, 8.7201 |
| YIQ | 118.7800, 32.5540, -6.2780 |

Conversions

Conversions Part 2

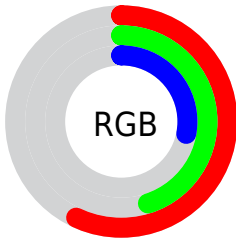
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 128, 146, 72 |
| Decimal | 9597512 |
| CIE _{Lab} | 50.23, 7.08, 27.98 |
| CIE _{LCh} | 50, 28.867, 75.799 |
| Yxy | 18.6135, 0.4106, 0.4014 |
| Android (android.graphics.Color) | 4287787592 (0xFF927248) |
| YUV | 118.7800, -23.0625, 23.8719 |
| Hunter-Lab | 43.1434, 3.2792, 18.2167 |

Details

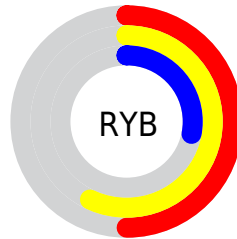
The XYZ color **19.0411, 18.6135, 8.7201** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.8110, 13.3532, 29.0963**, and the grayscale version is **17.5288, 18.4417, 20.0830**.

A 20% lighter version of the original color is **41.4445, 41.2095, 23.8590**, and **6.6602, 6.3027, 1.9024** is the 20% darker color. If you saturate the color by 10%, you get **17.9327, 17.0705, 6.2734**, and if you desaturate by 10%, it is **20.3127, 20.3019, 11.7797**.

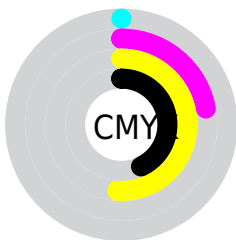
Distribution



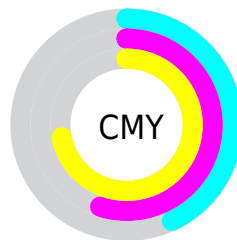
- Red (57%)
- Green (45%)
- Blue (28%)



- Red (50%)
- Yellow (57%)
- Blue (28%)



- Cyan (0%)
- Magenta (22%)
- Yellow (51%)
- Black (43%)



- Cyan (43%)
- Magenta (55%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0411, 18.6135, 8.7201 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 19.0411, 18.6135, 8.7201 by changing the saturation by 10% instead.

■ 19.0411, 18.6135,
8.7201

■ 19.0411, 18.6135,
8.7201

239.6093,
244.3067, 191.4165

■ 11.8042, 11.3913,
4.4648

■ 41.3199, 41.0800,
23.9276

■ 6.6817, 6.3307,
1.8836

■ 57.0924, 57.0931,
35.7167

■ 3.3084, 3.0472,
0.4823

■ 76.4409, 76.8053,
50.8543

■ 1.3189, 1.1564,
0.0000

■ 99.7306, 100.6010,
69.7588

■ 0.1973, 0.0257,
0.0000

■ 127.3270,
128.8646, 92.8487

■ 0.0000, 0.0000,
0.0000

159.5953,

161.9805, 120.5426

196.9010,
200.3330, 153.2590

■ 19.0411, 18.6135,
8.7201

■ 19.0411, 18.6135,
8.7201

■ 17.9327, 17.0705,
6.2734

■ 20.3127, 20.3019,
11.7797

■ 16.9769, 15.6649,
4.3953

■ 21.7545, 22.1378,
15.4902

■ 16.1642, 14.3920,
3.0373

■ 23.3746, 24.1266,
19.8874

■ 15.4825, 13.2452,
2.1420

■ 25.1800, 26.2728,
25.0047

■ 14.9375, 12.2778,
1.5826

■ 27.1774, 28.5803,
30.8728

■ 29.3733, 31.0530,
37.5209

■ 31.7737, 33.6948,
44.9765

■ 34.3842, 36.5092,
53.2659

■ 37.2103, 39.4997,
62.4140

Harmonies

Analogous

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



21.7031, 18.6135, 11.1247



19.0411, 18.6135, 8.7201



16.2703, 18.6135, 8.7835

Triad

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



19.0411, 18.6135, 8.7201



13.0138, 18.6135, 24.7461



21.8245, 18.6135, 32.9818

Complementary

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



19.0411, 18.6135, 8.7201



12.8110, 13.3532, 29.0963

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.



19.1933, 18.6135, 38.9450



19.0411, 18.6135, 8.7201



14.2076, 18.6135, 33.4028

Square

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



19.0411, 18.6135, 8.7201



12.9823, 18.6135, 16.7253



16.4074, 18.6135, 39.1166



23.4209, 18.6135, 24.2762

Rectangle

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



19.0411, 18.6135, 8.7201



14.7344, 18.6135, 10.1822



16.4074, 18.6135, 39.1166



21.0201, 18.6135, 35.4635

Sweetspot

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



19.0416, 18.6144, 8.7205



42.9076, 44.5643, 39.7795



16.6736, 11.7467, 14.5032



9.4134, 9.7567, 8.4764



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.



19.0416, 18.6144, 8.7205



31.3566, 29.7141, 10.4896



22.4445, 26.6942, 10.1007



6.0575, 6.3288, 6.1428



13.1674, 10.8493, 1.4001



0.1905, 0.1915, 0.0269

Inverse Universe

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



12.8110, 13.3532, 29.0963



19.0738, 19.3572, 50.7046



10.5611, 8.2853, 28.2367



5.6934, 6.0208, 7.3318



6.1576, 5.0100, 24.5735



0.1038, 0.1181, 0.3102

Previews

White Background



This preview shows how the XYZ color 19.0411, 18.6135, 8.7201 looks on a white 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

Black Background



This preview shows how the XYZ color 19.0411, 18.6135, 8.7201 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 19.0411, 18.6135, 8.7201

Background



This preview shows how black text looks on a background with the XYZ color 19.0411, 18.6135, 8.7201.



This preview shows how white text looks on a background with the XYZ color 19.0411, 18.6135,

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

19.0411, 18.6135, 8.7201

Protanopia

17.3126, 18.7526, 9.1857

Deuteranopia

18.8641, 18.5222, 8.7118



Tritanopia

21.2572, 18.7057, 19.3198

Trichromacy



Original Color

19.0411, 18.6135, 8.7201

Protanomaly

17.8344, 18.6721, 8.9674

Deuteranomaly

18.8641, 18.5222, 8.7118

Tritanomaly

20.4278, 18.6980, 14.8443

Monochromacy



Original Color

19.0411, 18.6135, 8.7201

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.8128, 18.3490, 15.1732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0411, 18.6135, 8.7201 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(146, 114, 72)` looks like.

```
.text, #text, p{  
    color:rgb(146, 114, 72)  
}
```

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(146, 114, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 114, 72) }
```

Border

The CSS property to change the border of an element to XYZ 19.0411, 18.6135, 8.7201 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(146, 114, 72) }
```


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

```
.border{ border-color:rgb(146, 114, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 114, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 114, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 114, 72);  
box-shadow:4px 4px 4px 4px rgb(146, 114,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0411, 18.6135, 8.7201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 114, 72) }
```

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

```
.background{ background-color: rgb(146,  
114, 72) }
```

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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