

Converting Colors

XYZ(19.4514, 18.4206, 11.9815)

Have a look what the booklet for
XYZ(19.4514, 18.4206, 11.9815)
contains.

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Color

**XYZ(19.4514, 18.4206,
11.9815)**

Conversions

Conversions Part 1

Format	Color
Hex	927059
RGB	146, 112, 89
RGB Percent	57%, 44%, 35%
CMY	0.4275, 0.5608, 0.6510
CMYK	0.00, 0.23, 0.39, 0.43
HSL	24°, 24%, 46%
HSV	24°, 39%, 57%
XYZ	19.4514, 18.4206, 11.9815
YIQ	119.5440, 27.6470, 0.0550

Conversions

Conversions Part 2

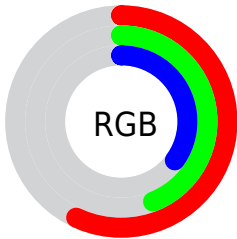
Format	Color
R_{YB}	146, 128, 89
Decimal	9597017
CIE Lab	50.00, 10.16, 17.96
CIE LCh	50, 20.631, 60.504
Yxy	18.4206, 0.3902, 0.3695
Android (android.graphics.Color)	4287787097 (0xFF927059)
YUV	119.5440, -15.0582, 23.2019
Hunter-Lab	42.9192, 5.7892, 13.4918

Details

The XYZ color **19.4514, 18.4206, 11.9815** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.3908, 18.3644, 29.8749**, and the grayscale version is **17.7478, 18.6721, 20.3339**.

A 20% lighter version of the original color is **42.0231, 40.8325, 30.0927**, and **6.8855, 6.2209, 3.1233** is the 20% darker color. If you saturate the color by 10%, you get **17.9834, 16.3703, 8.7616**, and if you desaturate by 10%, it is **21.1349, 20.7072, 15.8736**.

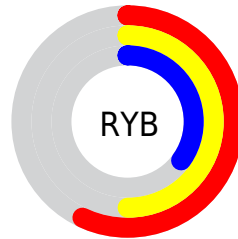
Distribution



Red (57%)

Green (44%)

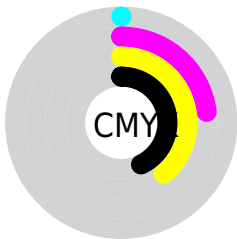
Blue (35%)



Red (57%)

Yellow (50%)

Blue (35%)

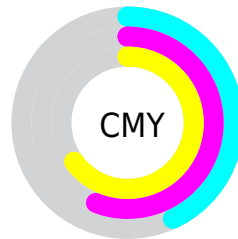


Cyan (0%)

Magenta (23%)

Yellow (39%)

Black (43%)



Cyan (43%)


Magenta (56%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.4514, 18.4206, 11.9815 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 19.4514, 18.4206, 11.9815 by changing the saturation by 10% instead.


 19.4514, 18.4206,
11.9815


 19.4514, 18.4206,
11.9815


241.8201,
243.2312, 215.2563


 12.1028, 11.2524,
6.6087


 42.0065, 40.7527,
30.1253

 6.8865, 6.2369,
3.1439


 57.9437, 56.6854,
43.7334


 3.4369, 2.9896,
1.1686

 77.4745, 76.3084,
60.9236

 1.3888, 1.1263,
0.0000

 100.9643,
100.0060, 82.1146

 0.2482, 0.0003,
0.0000

 128.7784,
128.1627, 107.7248

 0.0000, 0.0000,
0.0000

161.2822,

161.1629, 138.1728

198.8409,
199.3909, 173.8771

■ 19.4514, 18.4206,
11.9815

■ 19.4514, 18.4206,
11.9815

■ 17.9834, 16.3703,
8.7616

■ 21.1349, 20.7072,
15.8736

■ 16.7196, 14.5455,
6.1738

■ 23.0417, 23.2351,
20.4726

■ 15.6498, 12.9385,
4.1755

■ 25.1808, 26.0126,
25.8120

■ 14.7621, 11.5397,
2.7183

■ 27.5602, 29.0465,
31.9230

■ 14.0429, 10.3390,
1.7457

■ 30.1877, 32.3437,
38.8347

■ 13.4649, 9.3203,
1.1296

■ 33.0706, 35.9104,
46.5751

■ 13.4140, 9.2308,
1.0747

■ 36.2159, 39.7530,
55.1705

■ 39.6303, 43.8773,
64.6462

■ 43.3203, 48.2892,
75.0264

Harmonies

Analogous

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



20.9994, 18.4206, 15.0136



19.4514, 18.4206, 11.9815



17.4747, 18.4206, 11.0066

Triad

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



19.4514, 18.4206, 11.9815



13.9689, 18.4206, 20.1530



19.5137, 18.4206, 31.0004

Complementary

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



19.4514, 18.4206, 11.9815



16.3908, 18.3644, 29.8749

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.



17.5418, 18.4206, 33.0623



19.4514, 18.4206, 11.9815



14.4272, 18.4206, 26.1194

Square

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



19.4514, 18.4206, 11.9815



14.3978, 18.4206, 15.1510



15.6990, 18.4206, 31.1289



21.0372, 18.4206, 25.9216

Rectangle

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



19.4514, 18.4206, 11.9815



16.2076, 18.4206, 11.4761



15.6990, 18.4206, 31.1289



18.8766, 18.4206, 32.1078

Sweetspot

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



19.4519, 18.4215, 11.9819



43.1678, 44.2714, 42.3734



19.0142, 14.6910, 20.6382



9.5081, 9.7256, 9.1884



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.



19.4519, 18.4215, 11.9819



31.9891, 29.2537, 16.0199



23.0793, 25.6763, 13.1910



5.9815, 6.1767, 6.1174



11.8251, 8.1647, 0.9527



0.1724, 0.1552, 0.0209

Inverse Universe

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



16.3908, 18.3644, 29.8749



25.7857, 29.1234, 52.2359



13.3735, 12.3298, 28.8692



5.7697, 6.1735, 7.3572



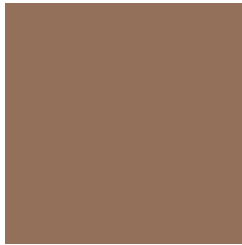
7.5928, 7.8803, 25.0519



0.1219, 0.1544, 0.3163

Previews

White Background



This preview shows how the XYZ color 19.4514, 18.4206, 11.9815 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 19.4514, 18.4206, 11.9815 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 19.4514, 18.4206, 11.9815

Background



This preview shows how black text looks on a background with the XYZ color 19.4514, 18.4206, 11.9815.



This preview shows how white text looks on a background with the XYZ color 19.4514, 18.4206,

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

19.4514, 18.4206, 11.9815

Protanopia

17.2810, 18.4784, 12.7811

Deuteranopia

18.8050, 18.4186, 12.0152



Tritanopia

20.9679, 18.3990, 19.2759

Trichromacy



Original Color

19.4514, 18.4206, 11.9815

Protanomaly

17.9652, 18.3144, 12.4857

Deuteranomaly

19.0360, 18.3712, 11.9939

Tritanomaly

20.3352, 18.2947, 16.3694

Monochromacy



Original Color

19.4514, 18.4206, 11.9815

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.1749, 18.4938, 17.0797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4514, 18.4206, 11.9815 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, 112, 89)` looks like.

```
.text, #text, p{  
    color:rgb(146, 112, 89)  
}
```

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, 112, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 112, 89) }
```

Border

The CSS property to change the border of an element to XYZ 19.4514, 18.4206, 11.9815 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, 112, 89) }
```


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

```
.border{ border-color:rgb(146, 112, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 112, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 112, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 112, 89);  
box-shadow:4px 4px 4px 4px rgb(146, 112,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4514, 18.4206, 11.9815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 112, 89) }
```

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

```
.background{ background-color: rgb(146,  
112, 89) }
```

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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