

Converting Colors

XYZ(18.8494, 18.0756, 14.5329)

Have a look what the booklet for
XYZ(18.8494, 18.0756, 14.5329)
contains.

XYZ(18.9096, 18.0839, 14.5505)	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(18.9096, 18.0839,
14.5505)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7064
RGB	140, 112, 100
RGB Percent	55%, 44%, 39%
CMY	0.4510, 0.5608, 0.6078
CMYK	0.00, 0.20, 0.29, 0.45
HSL	18°, 17%, 47%
HSV	18°, 29%, 55%
XYZ	18.9096, 18.0839, 14.5505
YIQ	119.0040, 20.5400, 2.2040

Conversions

Conversions Part 2

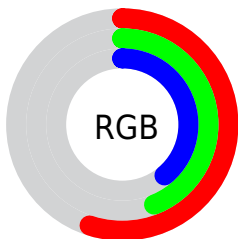
Format	Color
R_{YB}	140, 117, 100
Decimal	9203812
CIE _{Lab}	49.60, 9.14, 10.85
CIE _{LCh}	50, 14.186, 49.883
Yxy	18.0839, 0.3669, 0.3508
Android (android.graphics.Color)	4287393892 (0xFF8C7064)
YUV	119.0040, -9.3690, 18.4135
Hunter-Lab	42.5252, 4.9543, 9.4808

Details

The XYZ color **18.9096, 18.0839, 14.5505** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.7080, 20.0404, 27.7457**, and the grayscale version is **17.5604, 18.4749, 20.1192**.

A 20% lighter version of the original color is **41.1095, 40.2546, 34.8814**, and **6.5958, 6.0477, 4.1878** is the 20% darker color. If you saturate the color by 10%, you get **17.2665, 15.7904, 10.9421**, and if you desaturate by 10%, it is **20.7878, 20.6610, 18.8122**.

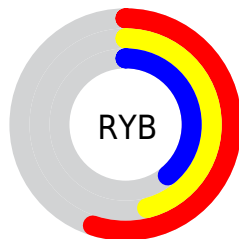
Distribution



Red (55%)

Green (44%)

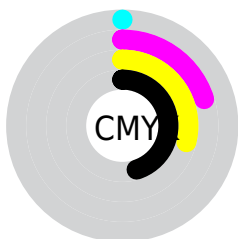
Blue (39%)



Red (55%)

Yellow (46%)

Blue (39%)

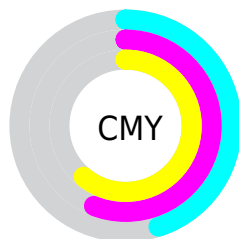


Cyan (0%)

Magenta (20%)

Yellow (29%)

Black (45%)



Cyan (45%)

Magenta (56%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9096, 18.0839, 14.5505 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 18.9096, 18.0839, 14.5505 by changing the saturation by 10% instead.

■ 18.9096, 18.0839,
14.5505

■ 18.9096, 18.0839,
14.5505

238.8969,
241.3435, 232.1754

■ 11.7086, 11.0102,
8.3614

■ 41.0993, 40.1802,
34.7937

■ 6.6164, 6.0737,
4.2360

■ 56.8188, 55.9717,
49.6850

■ 3.2675, 2.8900,
1.7557

■ 76.1084, 75.4379,
68.3141

■ 1.2968, 1.0746,
0.3985

■ 99.3336, 98.9632,
91.0995

■ 0.1808, 0.0000,
0.0000

126.8597,
126.9320, 118.4598

■ 0.0000, 0.0000,
0.0000

159.0521,

159.7288, 150.8135

196.2760,
197.7378, 188.5792

■ 18.9096, 18.0839,
14.5505

■ 18.9096, 18.0839,
14.5505

■ 17.2665, 15.7904,
10.9421

■ 20.7878, 20.6610,
18.8122

■ 15.8473, 13.7682,
7.9533

■ 22.9089, 23.5286,
23.7565

■ 14.6422, 12.0075,
5.5491

■ 25.2818, 26.6965,
29.4120

■ 13.6398, 10.4972,
3.6902

■ 27.9147, 30.1732,
35.8056

■ 12.8276, 9.2252,
2.3329

■ 30.8155, 33.9669,
42.9628

■ 12.1914, 8.1783,
1.4263

■ 33.9916, 38.0854,
50.9075

■ 11.7051, 7.3377,
0.8568

■ 37.4502, 42.5363,
59.6631

■ 11.6435, 7.2322,
0.7823

■ 41.1980, 47.3271,
69.2516

■ 45.2419, 52.4648,
79.6943

Harmonies

Analogous

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



19.7376, 18.0839, 17.2764



18.9096, 18.0839, 14.5505



17.6466, 18.0839, 13.2601

Triad

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



18.9096, 18.0839, 14.5505



14.7651, 18.0839, 18.4173



18.0831, 18.0839, 27.5117

Complementary

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



18.9096, 18.0839, 14.5505



17.7080, 20.0404, 27.7457

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.



16.7378, 18.0839, 27.9217



18.9096, 18.0839, 14.5505



14.8684, 18.0839, 22.3191

Square

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



18.9096, 18.0839, 14.5505



15.2848, 18.0839, 15.2918



15.5746, 18.0839, 25.9170



19.2434, 18.0839, 24.8605

Rectangle

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



18.9096, 18.0839, 14.5505



16.7480, 18.0839, 13.2560



15.5746, 18.0839, 25.9170



17.6361, 18.0839, 27.9283

Sweetspot

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



18.9101, 18.0847, 14.5509



40.1454, 41.1541, 41.3084



19.2687, 16.2485, 22.5428



9.1328, 9.3246, 9.2418



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.9101, 18.0847, 14.5509



31.5107, 29.3405, 21.6109



21.3668, 22.9981, 15.3698



5.1473, 5.2774, 5.2997



10.3616, 6.4575, 0.7003



0.0805, 0.0661, 0.0085

Inverse Universe

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



17.7080, 20.0404, 27.7457



29.0436, 33.3399, 48.6475



15.3519, 15.3281, 26.9604



5.0483, 5.4395, 6.3897



8.1037, 9.4777, 23.4480



0.0667, 0.0887, 0.1601

Previews

White Background



This preview shows how the XYZ color 18.9096, 18.0839, 14.5505 looks on a white background.

Color Contrast Check

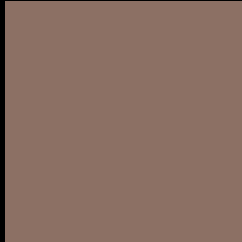
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9096, 18.0839, 14.5505 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

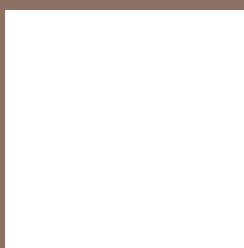
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.9096, 18.0839, 14.5505

Background



This preview shows how black text looks on a background with the XYZ color 18.9096, 18.0839, 14.5505.

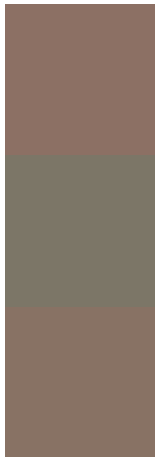


This preview shows how white text looks on a background with the XYZ color 18.9096, 18.0839,

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

18.9096, 18.0839, 14.5505

Protanopia

17.2388, 18.2212, 15.4404

Deuteranopia

18.4709, 18.1890, 14.5939



Tritanopia

19.8940, 17.9961, 19.5646

Trichromacy



Original Color

18.9096, 18.0839, 14.5505

Protanomaly

17.8496, 18.1959, 15.1418

Deuteranomaly

18.5219, 18.0487, 14.5641

Tritanomaly

19.4297, 17.9623, 17.4819

Monochromacy



Original Color

18.9096, 18.0839, 14.5505

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.9224, 18.1727, 17.8923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9096, 18.0839, 14.5505 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(140, 112, 100)` looks like.

```
.text, #text, p{  
    color:rgb(140, 112, 100)  
}
```

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(140, 112, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 112, 100) }
```

Border

The CSS property to change the border of an element to XYZ 18.9096, 18.0839, 14.5505 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(140, 112, 100) }
```


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

```
.border{ border-color:rgb(140, 112, 100) }
```

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

Here you see how a box with a 4 pixel rgb(140, 112, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 112, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 112, 100);  
box-shadow:4px 4px 4px 4px rgb(140, 112,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9096, 18.0839, 14.5505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 112, 100) }
```

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

```
.background{ background-color: rgb(140,  
112, 100) }
```

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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