

Converting Colors

XYZ(16.9150, 15.0226, 11.0251)

Have a look what the booklet for
XYZ(16.9150, 15.0226, 11.0251)
contains.

XYZ(16.9032, 14.9989, 11.0210)	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(16.9032, 14.9989,
11.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6257
RGB	140, 98, 87
RGB Percent	55%, 38%, 34%
CMY	0.4510, 0.6157, 0.6588
CMYK	0.00, 0.30, 0.38, 0.45
HSL	12°, 23%, 45%
HSV	12°, 38%, 55%
XYZ	16.9032, 14.9989, 11.0210
YIQ	109.3040, 28.5630, 5.4830

Conversions

Conversions Part 2

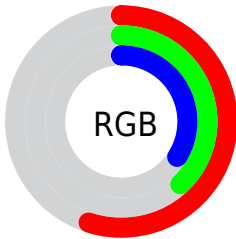
Format	Color
R_{YB}	140, 101, 87
Decimal	9200215
CIE Lab	45.63, 15.52, 13.06
CIE LCh	46, 20.280, 40.073
Yxy	14.9989, 0.3938, 0.3494
Android (android.graphics.Color)	4287390295 (0xFF8C6257)
YUV	109.3040, -10.9959, 26.9204
Hunter-Lab	38.7284, 10.1324, 10.2376

Details

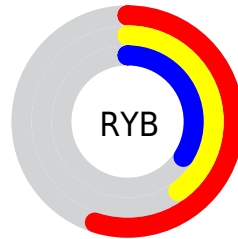
The XYZ color **16.9032, 14.9989, 11.0210** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.5141, 19.6196, 27.7276**, and the grayscale version is **14.6471, 15.4099, 16.7814**.

A 20% lighter version of the original color is **37.7685, 34.9031, 28.4133**, and **5.6262, 4.6095, 2.7837** is the 20% darker color. If you saturate the color by 10%, you get **15.4188, 12.8583, 7.9727**, and if you desaturate by 10%, it is **18.6433, 17.4731, 14.7022**.

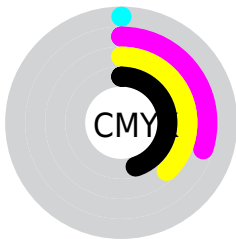
Distribution



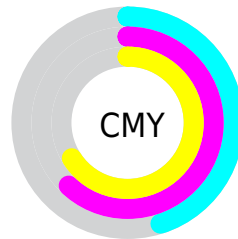
- Red (55%)
- Green (38%)
- Blue (34%)



- Red (55%)
- Yellow (40%)
- Blue (34%)



- Cyan (0%)
- Magenta (30%)
- Yellow (38%)
- Black (45%)





- Cyan (45%)
- Magenta (62%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.9032, 14.9989, 11.0210 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 16.9032, 14.9989, 11.0210 by changing the saturation by 10% instead.


 16.9032, 14.9989,
11.0210


 16.9032, 14.9989,
11.0210


227.7811,
223.3596, 208.5542


 10.2604, 8.8186,
5.9666


 37.7042, 34.8513,
28.3362


 5.6355, 4.6231,
2.7563

 52.5931, 49.2921,
41.4342


 2.6633, 2.0278,
0.9716

 70.9613, 67.2553,
58.0504

 0.9783, 0.6236,
0.0000

 93.1744, 89.1251,
78.6034

 0.0000, 0.0000,
0.0000

 119.5975,
115.2861, 103.5117

150.5961,

146.1226, 133.1939

186.5355,
182.0189, 168.0686

■ 16.9032, 14.9989,
11.0210

■ 16.9032, 14.9989,
11.0210

■ 15.4188, 12.8583,
7.9727

■ 18.6433, 17.4731,
14.7022

■ 14.1765, 11.0348,
5.5205

■ 20.6492, 20.2922,
19.0484

■ 13.1633, 9.5138,
3.6253

■ 22.9323, 23.4695,
24.0906

■ 12.3645, 8.2783,
2.2426

■ 25.5026, 27.0173,
29.8577

■ 11.7635, 7.3101,
1.3213

■ 28.3697, 30.9469,
36.3768

■ 11.3333, 6.5853,
0.7599

■ 31.5428, 35.2694,
43.6737

■ 11.2562, 6.4573,
0.6531

■ 35.0308, 39.9953,
51.7730

■ 38.8420, 45.1347,
60.6981

■ 42.9845, 50.6974,
70.4715

Harmonies

Analogous

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



17.7183, 14.9989, 14.7498



16.9032, 14.9989, 11.0210



15.3980, 14.9989, 9.0235

Triad

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



16.9032, 14.9989, 11.0210



11.4016, 14.9989, 13.3472



14.8347, 14.9989, 27.3760

Complementary

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



16.9032, 14.9989, 11.0210



16.5141, 19.6196, 27.7276

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.



13.1720, 14.9989, 26.7936



16.9032, 14.9989, 11.0210



11.2770, 14.9989, 18.0219

Square

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



16.9032, 14.9989, 11.0210



12.2558, 14.9989, 10.1701



11.9007, 14.9989, 23.1207



16.4628, 14.9989, 24.5823

Rectangle

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



16.9032, 14.9989, 11.0210



14.2518, 14.9989, 8.6518



11.9007, 14.9989, 23.1207



14.2602, 14.9989, 27.5799

Sweetspot

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



16.9036, 14.9996, 11.0213



39.0164, 39.4152, 39.3319



18.2126, 13.9876, 22.6486



8.8800, 8.9288, 8.8189



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.



16.9036, 14.9996, 11.0213



27.6498, 23.3461, 14.9986



19.7558, 20.7041, 11.9720



5.1116, 5.2060, 5.2878



10.0140, 5.7623, 0.5844



0.0753, 0.0559, 0.0068

Inverse Universe

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



16.5141, 19.6196, 27.7276



26.8544, 32.6233, 48.6245



13.5046, 13.6005, 26.7244



5.0862, 5.5153, 6.4023



9.2650, 11.8003, 23.8350



0.0718, 0.0989, 0.1618

Previews

White Background



This preview shows how the XYZ color 16.9032, 14.9989, 11.0210 looks on a white background.

Color Contrast Check

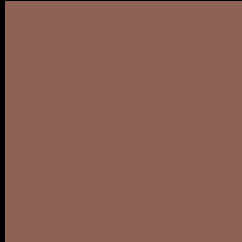
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.9032, 14.9989, 11.0210 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 16.9032, 14.9989, 11.0210

Background



This preview shows how black text looks on a background with the XYZ color 16.9032, 14.9989, 11.0210.



This preview shows how white text looks on a background with the XYZ color 16.9032, 14.9989,

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

16.9032, 14.9989, 11.0210

Protanopia

14.2338, 15.0752, 12.2848

Deuteranopia

15.2342, 15.0081, 10.8980



Tritanopia

17.7864, 15.0958, 14.8083

Trichromacy



Original Color

16.9032, 14.9989, 11.0210

Protanomaly

14.9642, 14.8498, 11.7505

Deuteranomaly

15.7912, 14.9999, 10.8671

Tritanomaly

17.4169, 15.0752, 13.3011

Monochromacy



Original Color

16.9032, 14.9989, 11.0210

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.1463, 15.0358, 14.4158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9032, 14.9989, 11.0210 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, 98, 87)` looks like.

```
.text, #text, p{  
  color:rgb(140, 98, 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(140, 98, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 98, 87) }
```

Border

The CSS property to change the border of an element to XYZ 16.9032, 14.9989, 11.0210 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, 98, 87) }
```


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

```
.border{ border-color:rgb(140, 98, 87) }
```

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

Here you see how a box with a 4 pixel rgb(140, 98, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 98, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 98, 87);  
box-shadow:4px 4px 4px 4px rgb(140, 98,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9032, 14.9989, 11.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 98, 87) }
```

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

```
.background{ background-color: rgb(140, 98,  
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