

Converting Colors

XYZ(16.4909, 13.6366, 10.9587)

Have a look what the booklet for
XYZ(16.4909, 13.6366, 10.9587)
contains.

XYZ(16.4892, 13.6001, 10.9885)	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(16.4892, 13.6001,
10.9885)**

Conversions

Conversions Part 1

Format	Color
Hex	8E5958
RGB	142, 89, 88
RGB Percent	56%, 35%, 35%
CMY	0.4431, 0.6510, 0.6549
CMYK	0.00, 0.37, 0.38, 0.44
HSL	1°, 23%, 45%
HSV	1°, 38%, 56%
XYZ	16.4892, 13.6001, 10.9885
YIQ	104.7330, 31.9090, 10.9250

Conversions

Conversions Part 2

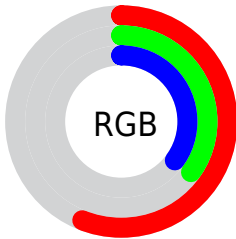
Format	Color
R_{YB}	142, 89, 88
Decimal	9328984
CIE _{Lab}	43.65, 21.73, 9.74
CIE _{LCh}	44, 23.815, 24.130
Yxy	13.6001, 0.4014, 0.3311
Android (android.graphics.Color)	4287519064 (0xFF8E5958)
YUV	104.7330, -8.2494, 32.6832
Hunter-Lab	36.8783, 15.2747, 8.1484

Details

The XYZ color **16.4892, 13.6001, 10.9885** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.4316, 23.0767, 29.0742**, and the grayscale version is **13.3709, 14.0672, 15.3192**.

A 20% lighter version of the original color is **36.9915, 32.4615, 28.3608**, and **5.4805, 4.0040, 2.7695** is the 20% darker color. If you saturate the color by 10%, you get **14.9054, 11.2838, 7.8358**, and if you desaturate by 10%, it is **18.4079, 16.4027, 14.8184**.

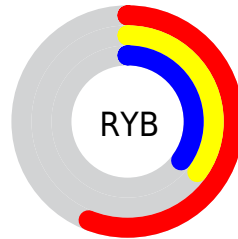
Distribution



Red (56%)

Green (35%)

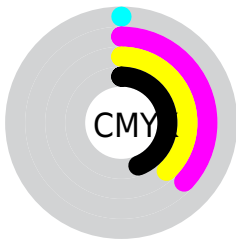
Blue (35%)



Red (56%)

Yellow (35%)

Blue (35%)

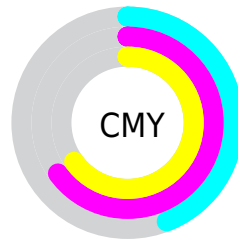


Cyan (0%)

Magenta (37%)

Yellow (38%)

Black (44%)



Cyan (44%)

Magenta (65%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4892, 13.6001, 10.9885 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 16.4892, 13.6001, 10.9885 by changing the saturation by 10% instead.

■ 16.4892, 13.6001,
10.9885

■ 16.4892, 13.6001,
10.9885

225.4254,
214.7286, 208.3232

■ 9.9640, 7.8431,
5.9450

■ 36.9960, 32.3778,
28.2752

■ 5.4372, 3.9947,
2.7434

■ 51.7084, 46.1672,
41.3556

■ 2.5434, 1.6706,
0.9652

■ 69.8806, 63.4028,
57.9519

■ 0.9172, 0.4045,
0.0000

■ 91.8779, 84.4691,
78.4829

■ 0.0000, 0.0000,
0.0000

■ 118.0656,
109.7505, 103.3669

148.8092,

139.6312, 133.0227

184.4741,
174.4958, 167.8686

■ 16.4892, 13.6001,
10.9885

■ 16.4892, 13.6001,
10.9885

■ 14.9054, 11.2838,
7.8358

■ 18.4079, 16.4027,
14.8184

■ 13.6362, 9.4243,
5.3202

■ 20.6780, 19.7149,
19.3610

■ 12.6611, 7.9920,
3.3985

■ 23.3163, 23.5610,
24.6499

■ 11.9564, 6.9529,
2.0221

■ 26.3379, 27.9631,
30.7169

■ 11.4949, 6.2680,
1.1343

■ 29.7575, 32.9421,
37.5913

■ 11.2292, 5.8739,
0.6223

■ 33.5888, 38.5179,
45.3015

■ 11.1840, 5.8081,
0.5316

■ 37.8447, 44.7091,
53.8741

■ 42.5377, 51.5339,
63.3348

■ 47.6800, 59.0096,
73.7079

Harmonies

Analogous

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



16.8386, 13.6001, 15.8852



16.4892, 13.6001, 10.9885



15.1473, 13.6001, 7.9388

Triad

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



16.4892, 13.6001, 10.9885



10.2289, 13.6001, 9.5617



12.5626, 13.6001, 27.5784

Complementary

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



16.4892, 13.6001, 10.9885



18.4316, 23.0767, 29.0742

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.



10.9341, 13.6001, 24.8056



16.4892, 13.6001, 10.9885



9.6727, 13.6001, 13.7810

Square

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



16.4892, 13.6001, 10.9885



11.5130, 13.6001, 7.2647



9.9179, 13.6001, 19.4240



14.4511, 13.6001, 26.3191

Rectangle

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



16.4892, 13.6001, 10.9885



13.9337, 13.6001, 6.9540



9.9179, 13.6001, 19.4240



11.9690, 13.6001, 27.0698

Sweetspot

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



16.4896, 13.6008, 10.9888



39.5546, 39.2718, 40.3359



19.4604, 14.6564, 27.0418



8.7118, 8.5924, 8.7628



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.



16.4896, 13.6008, 10.9888



26.5563, 20.2963, 14.3584



19.1508, 18.9233, 11.8758



5.4164, 5.4391, 5.6538



10.0431, 5.2178, 0.4778



0.0973, 0.0524, 0.0050

Inverse Universe

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



18.4316, 23.0767, 29.0742



30.5056, 39.5734, 51.1585



14.9357, 16.0851, 27.9089



5.5518, 6.0994, 6.9135



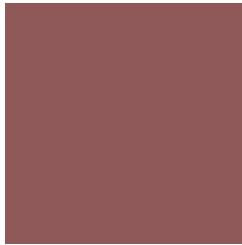
12.7220, 18.4301, 25.8639



0.1234, 0.1797, 0.2479

Previews

White Background



This preview shows how the XYZ color 16.4892, 13.6001, 10.9885 looks on a white background.

Color Contrast Check

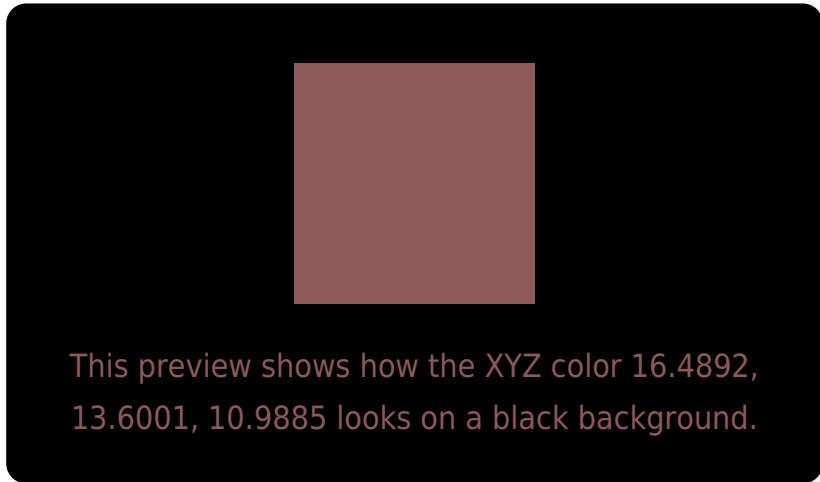
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

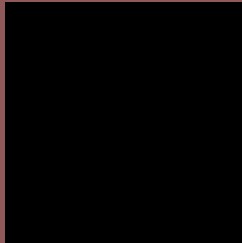
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.4892, 13.6001, 10.9885

Background



This preview shows how black text looks on a background with the XYZ color 16.4892, 13.6001, 10.9885.

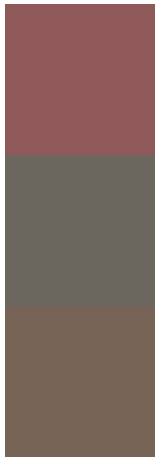


This preview shows how white text looks on a background with the XYZ color 16.4892, 13.6001,

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

16.4892, 13.6001, 10.9885

Protanopia

12.9792, 13.6525, 12.7776

Deuteranopia

13.9826, 13.7793, 10.7268



Tritanopia

16.8830, 13.6453, 12.5705

Trichromacy



Original Color

16.4892, 13.6001, 10.9885

Protanomaly

14.0452, 13.5011, 11.9909

Deuteranomaly

14.8053, 13.6431, 10.8699

Tritanomaly

16.7492, 13.5918, 11.8659

Monochromacy



Original Color

16.4892, 13.6001, 10.9885

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.1852, 13.6761, 13.6965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4892, 13.6001, 10.9885 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(142, 89, 88)` looks like.

```
.text, #text, p{  
    color:rgb(142, 89, 88)  
}
```

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(142, 89, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 89, 88) }
```

Border

The CSS property to change the border of an element to XYZ 16.4892, 13.6001, 10.9885 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(142, 89, 88) }
```


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

```
.border{ border-color:rgb(142, 89, 88) }
```

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

Here you see how a box with a 4 pixel rgb(142, 89, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 89, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 89, 88);  
box-shadow:4px 4px 4px 4px rgb(142, 89,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4892, 13.6001, 10.9885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 89, 88) }
```

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

```
.background{ background-color: rgb(142, 89,  
88) }
```

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