

Converting Colors

XYZ(16.7668, 14.3935, 8.0130)

Have a look what the booklet for
XYZ(16.7668, 14.3935, 8.0130)
contains.

XYZ(16.8495, 14.4930, 8.0403)	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(16.8495, 14.4930,
8.0403)**

Conversions

Conversions Part 1

Format	Color
Hex	915E48
RGB	145, 94, 72
RGB Percent	57%, 37%, 28%
CMY	0.4314, 0.6314, 0.7176
CMYK	0.00, 0.35, 0.50, 0.43
HSL	18°, 34%, 43%
HSV	18°, 50%, 57%
XYZ	16.8495, 14.4930, 8.0403
YIQ	106.7410, 37.4580, 3.9700

Conversions

Conversions Part 2

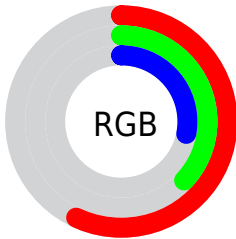
Format	Color
R_{YB}	145, 103, 72
Decimal	9526856
CIE _{Lab}	44.93, 18.24, 21.15
CIE _{LCh}	45, 27.928, 49.218
Yxy	14.4930, 0.4278, 0.3680
Android (android.graphics.Color)	4287716936 (0xFF915E48)
YUV	106.7410, -17.1273, 33.5531
Hunter-Lab	38.0697, 12.3815, 14.1267

Details

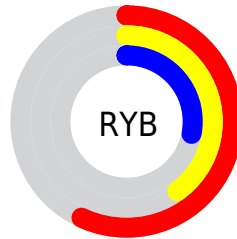
The XYZ color **16.8495, 14.4930, 8.0403** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.8661, 17.5874, 29.3993**, and the grayscale version is **13.9424, 14.6685, 15.9739**.

A 20% lighter version of the original color is **37.6640, 34.0488, 22.6761**, and **5.6397, 4.3922, 1.6491** is the 20% darker color. If you saturate the color by 10%, you get **15.5887, 12.6413, 5.5552**, and if you desaturate by 10%, it is **18.3408, 16.6272, 11.1531**.

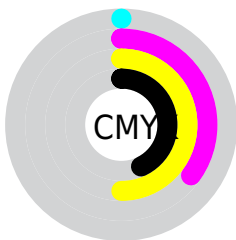
Distribution



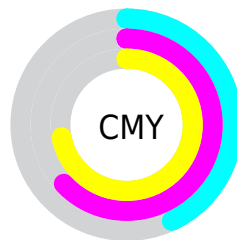
- Red (57%)
- Green (37%)
- Blue (28%)



- Red (57%)
- Yellow (40%)
- Blue (28%)



- Cyan (0%)
- Magenta (35%)
- Yellow (50%)
- Black (43%)



- Cyan (43%)
- Magenta (63%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8495, 14.4930, 8.0403 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 16.8495, 14.4930, 8.0403 by changing the saturation by 10% instead.

■ 16.8495, 14.4930,
8.0403

■ 16.8495, 14.4930,
8.0403

227.4768,
220.2766, 185.9942

■ 10.2219, 8.4643,
4.0326

■ 37.6125, 33.9613,
22.5849

■ 5.6097, 4.3935,
1.6432

■ 52.4786, 48.1697,
33.9589

■ 2.6476, 1.8960,
0.3214

■ 70.8215, 65.8734,
48.6253

■ 0.9703, 0.5460,
0.0000

■ 93.0067, 87.4570,
67.0028

■ 0.0000, 0.0000,
0.0000

■ 119.3995,
113.3046, 89.5099

150.3652,

143.8009, 116.5652

186.2692,
179.3301, 148.5871

■ 16.8495, 14.4930,
8.0403

■ 16.8495, 14.4930,
8.0403

■ 15.5887, 12.6413,
5.5552

■ 18.3408, 16.6272,
11.1531

■ 14.5449, 11.0577,
3.6534

■ 20.0731, 19.0534,
14.9319

■ 13.7045, 9.7295,
2.2860

■ 22.0575, 21.7830,
19.4133

■ 13.0517, 8.6421,
1.3957

■ 24.3039, 24.8264,
24.6306

■ 12.5668, 7.7992,
0.8430

■ 26.8218, 28.1932,
30.6151

■ 29.6202, 31.8930,
37.3963

■ 32.7076, 35.9345,
45.0022

■ 36.0922, 40.3263,
53.4592

■ 39.7818, 45.0769,
62.7929

Harmonies

Analogous

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



18.3553, 14.4930, 11.9896



16.8495, 14.4930, 8.0403



14.6137, 14.4930, 6.3648

Triad

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



16.8495, 14.4930, 8.0403



9.8935, 14.4930, 13.5413



15.2729, 14.4930, 30.8973

Complementary

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



16.8495, 14.4930, 8.0403



14.8661, 17.5874, 29.3993

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.



12.9694, 14.4930, 31.6533



16.8495, 14.4930, 8.0403



10.0283, 14.4930, 20.2962

Square

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



16.8495, 14.4930, 8.0403



10.7084, 14.4930, 8.9047



11.0996, 14.4930, 27.3572



17.3778, 14.4930, 25.5109

Rectangle

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



16.8495, 14.4930, 8.0403



13.0831, 14.4930, 6.3323



11.0996, 14.4930, 27.3572



14.4912, 14.4930, 31.7483

Sweetspot

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



16.8499, 14.4937, 8.0406



41.4660, 41.6809, 39.2989



17.5760, 12.0872, 20.1786



9.0587, 9.0474, 8.3582



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.



16.8499, 14.4937, 8.0406



27.7319, 22.3620, 9.5977



20.8828, 22.5596, 9.3849



5.5332, 5.6727, 5.6927



10.7996, 6.7310, 0.7300



0.1208, 0.0994, 0.0128

Inverse Universe

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



14.8661, 17.5874, 29.3993



23.7428, 28.4777, 52.2189



11.1594, 10.1741, 28.1638



5.4249, 5.8456, 6.8712



8.4234, 9.8329, 24.4311



0.0999, 0.1328, 0.2400

Previews

White Background



This preview shows how the XYZ color 16.8495, 14.4930, 8.0403 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 16.8495, 14.4930, 8.0403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

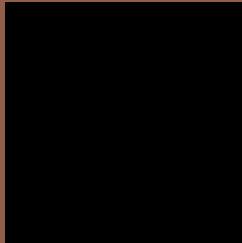
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.8495, 14.4930, 8.0403

Background



This preview shows how black text looks on a background with the XYZ color 16.8495, 14.4930, 8.0403.



This preview shows how white text looks on a background with the XYZ color 16.8495, 14.4930,

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

16.8495, 14.4930, 8.0403

Protanopia

13.6675, 14.6960, 9.1374

Deuteranopia

14.7589, 14.5341, 7.8218



Tritanopia

17.9314, 14.5483, 13.1723

Trichromacy



Original Color

16.8495, 14.4930, 8.0403

Protanomaly

14.6256, 14.4464, 8.6742

Deuteranomaly

15.4307, 14.4469, 7.9365

Tritanomaly

17.4427, 14.4699, 11.1062

Monochromacy



Original Color

16.8495, 14.4930, 8.0403

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.6569, 14.3758, 12.5920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8495, 14.4930, 8.0403 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(145, 94, 72)` looks like.

```
.text, #text, p{  
    color:rgb(145, 94, 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(145, 94, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 94, 72) }
```

Border

The CSS property to change the border of an element to XYZ 16.8495, 14.4930, 8.0403 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(145, 94, 72) }
```


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

```
.border{ border-color:rgb(145, 94, 72) }
```

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

Here you see how a box with a 4 pixel rgb(145, 94, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 94, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 94, 72);  
box-shadow:4px 4px 4px 4px rgb(145, 94,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8495, 14.4930, 8.0403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 94, 72) }
```

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

```
.background{ background-color: rgb(145, 94,  
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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