

Converting Colors

XYZ(14.5795, 12.9017, 8.2459)

Have a look what the booklet for
XYZ(14.5795, 12.9017, 8.2459)
contains.

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Color

**XYZ(14.6500, 12.9631,
8.2086)**

Conversions

Conversions Part 1

Format	Color
Hex	855B4A
RGB	133, 91, 74
RGB Percent	52%, 36%, 29%
CMY	0.4784, 0.6431, 0.7098
CMYK	0.00, 0.32, 0.44, 0.48
HSL	17°, 29%, 41%
HSV	17°, 44%, 52%
XYZ	14.6500, 12.9631, 8.2086
YIQ	101.6200, 30.4890, 3.6170

Conversions

Conversions Part 2

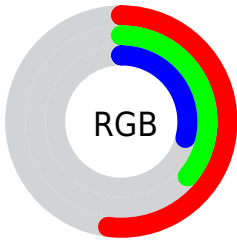
Format	Color
R_{YB}	133, 98, 74
Decimal	8739658
CIE _{Lab}	42.71, 15.03, 16.73
CIE _{LCh}	43, 22.493, 48.059
Yxy	12.9631, 0.4090, 0.3619
Android (android.graphics.Color)	4286929738 (0xFF855B4A)
YUV	101.6200, -13.6167, 27.5203
Hunter-Lab	36.0043, 9.6234, 11.6855

Details

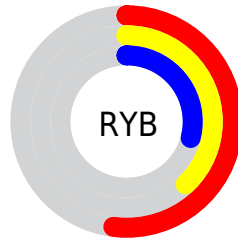
The XYZ color **14.6500, 12.9631, 8.2086** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.3029, 15.6396, 24.5080**, and the grayscale version is **12.5593, 13.2133, 14.3893**.

A 20% lighter version of the original color is **33.8391, 31.1712, 22.9720**, and **4.5661, 3.7198, 1.7056** is the 20% darker color. If you saturate the color by 10%, you get **13.4896, 11.2851, 5.8400**, and if you desaturate by 10%, it is **16.0080, 14.8845, 11.1107**.

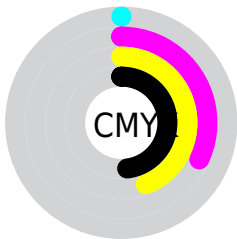
Distribution



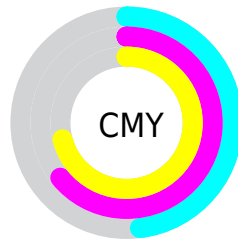
- Red (52%)
- Green (36%)
- Blue (29%)



- Red (52%)
- Yellow (38%)
- Blue (29%)



- Cyan (0%)
- Magenta (32%)
- Yellow (44%)
- Black (48%)





- Cyan (48%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6500, 12.9631, 8.2086 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 14.6500, 12.9631, 8.2086 by changing the saturation by 10% instead.


 14.6500, 12.9631,
8.2086


 14.6500, 12.9631,
8.2086


214.6685,
210.6810, 187.3544


 8.6588, 7.4031,
4.1390


 33.8147, 31.2375,
22.9193


 4.5746, 3.7155,
1.7019

 47.7190, 44.7207,
34.3974


 2.0321, 1.5157,
0.3621

 64.9916, 61.6138,
49.1822

 0.6519, 0.2997,
0.0000

 85.9981, 82.3011,
67.6922

 0.0000, 0.0000,
0.0000

 111.1036,
107.1671, 90.3458

140.6736,

136.5962, 117.5617

175.0735,
170.9727, 149.7584

■ 14.6500, 12.9631,
8.2086

■ 14.6500, 12.9631,
8.2086

■ 13.4896, 11.2851,
5.8400

■ 16.0080, 14.8845,
11.1107

■ 12.5159, 9.8387,
3.9713

■ 17.5716, 17.0568,
14.5759

■ 11.7186, 8.6137,
2.5660

■ 19.3497, 19.4895,
18.6321

■ 11.0856, 7.5984,
1.5822

■ 21.3502, 22.1910,
23.3055

■ 10.6023, 6.7797,
0.9652

■ 23.5808, 25.1694,
28.6205

■ 10.3765, 6.3938,
0.6872

■ 26.0487, 28.4323,
34.6002

■ 28.7607, 31.9871,
41.2666

■ 31.7234, 35.8409,
48.6406

■ 34.9432, 40.0007,
56.7424

Harmonies

Analogous

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



15.7161, 12.9631, 11.3939



14.6500, 12.9631, 8.2086



13.0134, 12.9631, 6.7651

Triad

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



14.6500, 12.9631, 8.2086



9.3780, 12.9631, 12.2559



13.3679, 12.9631, 25.0837

Complementary

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



14.6500, 12.9631, 8.2086



13.3029, 15.6396, 24.5080

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.



11.6537, 12.9631, 25.4671



14.6500, 12.9631, 8.2086



9.4539, 12.9631, 17.2372

Square

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



14.6500, 12.9631, 8.2086



10.0351, 12.9631, 8.7135



10.2530, 12.9631, 22.3345



14.9301, 12.9631, 21.3839

Rectangle

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



14.6500, 12.9631, 8.2086



11.8661, 12.9631, 6.6975



10.2530, 12.9631, 22.3345



12.7874, 12.9631, 25.6314

Sweetspot

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



14.6503, 12.9637, 8.2089



35.0135, 35.3936, 34.2040



15.2907, 11.1518, 17.9563



7.7411, 7.7740, 7.3660



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.6503, 12.9637, 8.2089



24.1868, 20.2529, 10.5173



17.6516, 18.9662, 9.2093



4.7739, 4.8913, 4.9219



9.8901, 6.1028, 0.6567



0.0399, 0.0324, 0.0042

Inverse Universe

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



13.3029, 15.6396, 24.5080



21.4384, 25.6453, 43.5585



10.4485, 9.9308, 23.5565



4.6913, 5.0582, 5.9298



7.9095, 9.3669, 22.5278



0.0337, 0.0450, 0.0801

Previews

White Background



This preview shows how the XYZ color 14.6500, 12.9631, 8.2086 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 14.6500, 12.9631, 8.2086 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 14.6500, 12.9631, 8.2086

Background



This preview shows how black text looks on a background with the XYZ color 14.6500, 12.9631, 8.2086.



This preview shows how white text looks on a background with the XYZ color 14.6500, 12.9631,

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

14.6500, 12.9631, 8.2086

Protanopia

12.2132, 13.0456, 9.0821

Deuteranopia

13.2230, 13.0235, 8.1202



Tritanopia

15.5470, 12.9566, 12.5079

Trichromacy



Original Color

14.6500, 12.9631, 8.2086

Protanomaly

12.9504, 12.8671, 8.8222

Deuteranomaly

13.7523, 13.0254, 8.0927

Tritanomaly

15.1242, 12.9012, 10.7099

Monochromacy



Original Color

14.6500, 12.9631, 8.2086

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.1095, 13.0188, 11.9471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6500, 12.9631, 8.2086 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(133, 91, 74)` looks like.

```
.text, #text, p{  
    color:rgb(133, 91, 74)  
}
```

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(133, 91, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 91, 74) }
```

Border

The CSS property to change the border of an element to XYZ 14.6500, 12.9631, 8.2086 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(133, 91, 74) }
```


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

```
.border{ border-color:rgb(133, 91, 74) }
```

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

Here you see how a box with a 4 pixel rgb(133, 91, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 91, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 91, 74);  
box-shadow:4px 4px 4px 4px rgb(133, 91,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6500, 12.9631, 8.2086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 91, 74) }
```

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

```
.background{ background-color: rgb(133, 91,  
74) }
```

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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