

Converting Colors

XYZ(16.8851, 14.4372, 8.1439)

Have a look what the booklet for
XYZ(16.8851, 14.4372, 8.1439)
contains.

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Color

**XYZ(16.7940, 14.3295,
8.1841)**

Conversions

Conversions Part 1

Format	Color
Hex	915D49
RGB	145, 93, 73
RGB Percent	57%, 36%, 29%
CMY	0.4314, 0.6353, 0.7137
CMYK	0.00, 0.36, 0.50, 0.43
HSL	17°, 33%, 43%
HSV	17°, 50%, 57%
XYZ	16.7940, 14.3295, 8.1841
YIQ	106.2680, 37.4120, 4.8040

Conversions

Conversions Part 2

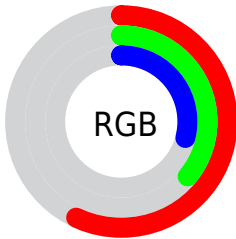
Format	Color
R_{YB}	145, 101, 73
Decimal	9526601
CIE _{Lab}	44.70, 18.92, 20.25
CIE _{LCh}	45, 27.719, 46.943
Yxy	14.3295, 0.4272, 0.3645
Android (android.graphics.Color)	4287716681 (0xFF915D49)
YUV	106.2680, -16.4011, 33.9680
Hunter-Lab	37.8543, 12.9461, 13.6795

Details

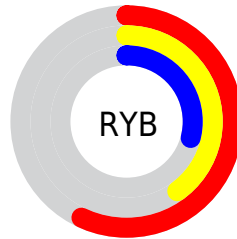
The XYZ color **16.7940, 14.3295, 8.1841** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.1917, 18.1272, 29.4861**, and the grayscale version is **13.8099, 14.5291, 15.8222**.

A 20% lighter version of the original color is **37.5735, 33.7692, 22.9501**, and **5.6124, 4.3180, 1.7001** is the 20% darker color. If you saturate the color by 10%, you get **15.5112, 12.4456, 5.6549**, and if you desaturate by 10%, it is **18.3156, 16.5115, 11.3462**.

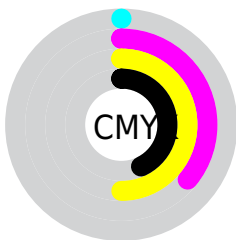
Distribution



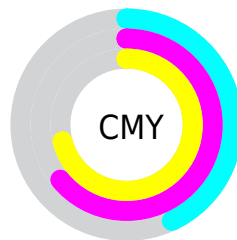
- Red (57%)
- Green (36%)
- Blue (29%)



- Red (57%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (36%)
- Yellow (50%)
- Black (43%)



- Cyan (43%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7940, 14.3295, 8.1841 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 16.7940, 14.3295, 8.1841 by changing the saturation by 10% instead.

■ 16.7940, 14.3295,
8.1841

■ 16.7940, 14.3295,
8.1841

227.1619,
219.2711, 187.1571

■ 10.1821, 8.3502,
4.1235

■ 37.5177, 33.6725,
22.8707

■ 5.5831, 4.3198,
1.6933

■ 52.3602, 47.8051,
34.3337

■ 2.6315, 1.8540,
0.3562

■ 70.6769, 65.4241,
49.1014

■ 0.9620, 0.5205,
0.0000

■ 92.8333, 86.9141,
67.5921

■ 0.0000, 0.0000,
0.0000

■ 119.1946,
112.6594, 90.2246

150.1263,

143.0444, 117.4172

185.9936,
178.4535, 149.5885

■ 16.7940, 14.3295,
8.1841

■ 16.7940, 14.3295,
8.1841

■ 15.5112, 12.4456,
5.6549

■ 18.3156, 16.5115,
11.3462

■ 14.4530, 10.8442,
3.7144

■ 20.0867, 19.0018,
15.1797

■ 13.6054, 9.5117,
2.3140

■ 22.1189, 21.8128,
19.7207

■ 12.9522, 8.4322,
1.3969

■ 24.4225, 24.9558,
25.0028

■ 12.4605, 7.5824,
0.8212

■ 27.0073, 28.4411,
31.0573

■ 12.4454, 7.5566,
0.8026

■ 29.8827, 32.2788,
37.9136

■ 33.0576, 36.4786,
45.5997

■ 36.5404, 41.0498,
54.1421

■ 40.3392, 46.0013,
63.5664

Harmonies

Analogous

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



18.1944, 14.3295, 12.2614



16.7940, 14.3295, 8.1841



14.6213, 14.3295, 6.3737

Triad

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



16.7940, 14.3295, 8.1841



9.8232, 14.3295, 12.9658



14.9205, 14.3295, 30.7197

Complementary

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



16.7940, 14.3295, 8.1841



15.1917, 18.1272, 29.4861

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.



12.6650, 14.3295, 31.0627



16.7940, 14.3295, 8.1841



9.8844, 14.3295, 19.5011

Square

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



16.7940, 14.3295, 8.1841



10.6954, 14.3295, 8.5768



10.8730, 14.3295, 26.5266



17.0338, 14.3295, 25.6889

Rectangle

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



16.7940, 14.3295, 8.1841



13.1032, 14.3295, 6.2481



10.8730, 14.3295, 26.5266



14.1497, 14.3295, 31.4275

Sweetspot

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



16.7944, 14.3302, 8.1844



41.3422, 41.4334, 39.2576



17.8126, 12.2861, 21.1037



9.0284, 8.9867, 8.3481



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.



16.7944, 14.3302, 8.1844



27.4494, 21.7970, 9.5036



20.6249, 21.9913, 9.4612



5.5233, 5.6529, 5.6894



10.6946, 6.5209, 0.6950



0.1188, 0.0955, 0.0122

Inverse Universe

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



15.1917, 18.1272, 29.4861



24.1905, 29.3732, 52.3682



11.4979, 10.7396, 28.2549



5.4353, 5.8665, 6.8746



8.7143, 10.4145, 24.5280



0.1019, 0.1367, 0.2407

Previews

White Background



This preview shows how the XYZ color 16.7940, 14.3295, 8.1841 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 16.7940, 14.3295, 8.1841 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 16.7940, 14.3295, 8.1841

Background



This preview shows how black text looks on a background with the XYZ color 16.7940, 14.3295, 8.1841.



This preview shows how white text looks on a background with the XYZ color 16.7940, 14.3295,

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

16.7940, 14.3295, 8.1841

Protanopia

13.5047, 14.4500, 9.4745

Deuteranopia

14.6411, 14.4697, 7.9825



Tritanopia

17.8001, 14.3599, 12.8999

Trichromacy



Original Color

16.7940, 14.3295, 8.1841

Protanomaly

14.4507, 14.2032, 9.0010

Deuteranomaly

15.4631, 14.4599, 8.1069

Tritanomaly

17.3566, 14.2977, 11.0775

Monochromacy



Original Color

16.7940, 14.3295, 8.1841

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.4198, 14.1086, 12.5529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7940, 14.3295, 8.1841 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, 93, 73)` looks like.

```
.text, #text, p{  
    color:rgb(145, 93, 73)  
}
```

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, 93, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 93, 73) }
```

Border

The CSS property to change the border of an element to XYZ 16.7940, 14.3295, 8.1841 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, 93, 73) }
```


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

```
.border{ border-color:rgb(145, 93, 73) }
```

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

Here you see how a box with a 4 pixel rgb(145, 93, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 93, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 93, 73);  
box-shadow:4px 4px 4px 4px rgb(145, 93,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7940, 14.3295, 8.1841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 93, 73) }
```

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

```
.background{ background-color: rgb(145, 93,  
73) }
```

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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