

Converting Colors

XYZ(14.8006, 12.4955, 3.6870)

Have a look what the booklet for
XYZ(14.8006, 12.4955, 3.6870)
contains.

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Color

**XYZ(14.8834, 12.5665,
3.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	8E5629
RGB	142, 86, 41
RGB Percent	56%, 34%, 16%
CMY	0.4431, 0.6627, 0.8392
CMYK	0.00, 0.39, 0.71, 0.44
HSL	27°, 55%, 36%
HSV	27°, 71%, 56%
XYZ	14.8834, 12.5665, 3.7390
YIQ	97.6140, 47.8210, -2.1230

Conversions

Conversions Part 2

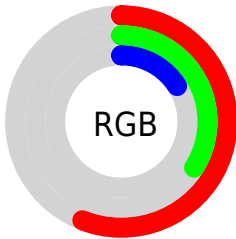
Format	Color
R_{YB}	142, 122, 41
Decimal	9328169
CIE _{Lab}	42.10, 19.06, 35.17
CIE _{LCh}	42, 40.001, 61.549
Yxy	12.5665, 0.4772, 0.4029
Android (android.graphics.Color)	4287518249 (0xFF8E5629)
YUV	97.6140, -27.9107, 38.9265
Hunter-Lab	35.4493, 12.9072, 18.5609

Details

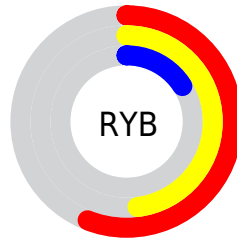
The XYZ color **14.8834, 12.5665, 3.7390** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.0714, 10.9733, 27.1783**, and the grayscale version is **11.5727, 12.1754, 13.2590**.

A 20% lighter version of the original color is **34.1188, 30.4550, 13.3127**, and **4.6893, 3.5438, 0.4369** is the 20% darker color. If you saturate the color by 10%, you get **14.0846, 11.2965, 2.4630**, and if you desaturate by 10%, it is **15.8415, 14.0121, 5.5095**.

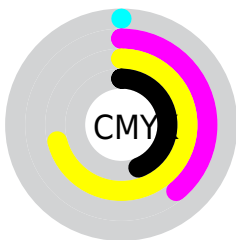
Distribution



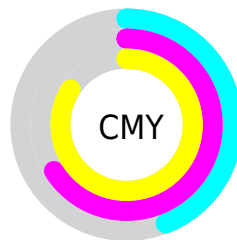
- Red (56%)
- Green (34%)
- Blue (16%)



- Red (56%)
- Yellow (48%)
- Blue (16%)



- Cyan (0%)
- Magenta (39%)
- Yellow (71%)
- Black (44%)





- Cyan (44%)
- Magenta (66%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8834, 12.5665, 3.7390 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 14.8834, 12.5665, 3.7390 by changing the saturation by 10% instead.


 14.8834, 12.5665,
3.7390


 14.8834, 12.5665,
3.7390


216.0618,
208.1204, 145.2786


 8.8234, 7.1307,
1.4833


 34.2218, 30.5228,
13.4032


 4.6823, 3.5440,
0.2054

 48.2310, 43.8120,
21.6488


 2.0949, 1.4219,
0.0000

 65.6205, 60.4879,
32.7280

 0.6865, 0.2328,
0.0000

 86.7558, 80.9348,
47.0595

 0.0000, 0.0000,
0.0000

 112.0022,
105.5371, 65.0618

 141.7251,

134.6792, 87.1534

176.2899,
168.7455, 113.7528

■ 14.8834, 12.5665,
3.7390

■ 14.8834, 12.5665,
3.7390

■ 14.0846, 11.2965,
2.4630

■ 15.8415, 14.0121,
5.5095

■ 13.4318, 10.1916,
1.6267

■ 16.9688, 15.6391,
7.8201

■ 12.9479, 9.3360,
1.1196

■ 18.2753, 17.4552,
10.7119

■ 19.7697, 19.4672,
14.2218

■ 21.4603, 21.6813,
18.3835

■ 23.3548, 24.1034,
23.2284

■ 25.4602, 26.7394,
28.7858

■ 27.7836, 29.5945,
35.0832

■ 30.3312, 32.6742,
42.1466

Harmonies

Analogous

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



17.5153, 12.5665, 6.7737



14.8834, 12.5665, 3.7390



11.7901, 12.5665, 2.9680

Triad

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



14.8834, 12.5665, 3.7390



7.0878, 12.5665, 14.1306



15.1958, 12.5665, 32.9432

Complementary

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



14.8834, 12.5665, 3.7390



10.0714, 10.9733, 27.1783

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.



12.0994, 12.5665, 37.4778



14.8834, 12.5665, 3.7390



7.7006, 12.5665, 24.1753

Square

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



14.8834, 12.5665, 3.7390



7.5857, 12.5665, 7.2653



9.4197, 12.5665, 33.7454



17.7157, 12.5665, 23.0712

Rectangle

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



14.8834, 12.5665, 3.7390



9.9629, 12.5665, 3.3987



9.4197, 12.5665, 33.7454



14.1719, 12.5665, 35.2908

Sweetspot

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



14.8837, 12.5671, 3.7392



37.7455, 38.1063, 32.1717



14.1639, 8.2230, 12.4540



8.2647, 8.2958, 6.7715



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.



14.8837, 12.5671, 3.7392



24.1574, 18.7863, 3.4229



20.2568, 23.3133, 5.5303



5.5943, 5.7949, 5.7130



11.6432, 8.4182, 1.0112



0.1328, 0.1234, 0.0168

Inverse Universe

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



10.0714, 10.9733, 27.1783



15.1007, 15.7332, 47.3688



6.8431, 4.5167, 26.1022



5.3619, 5.7195, 6.8501



6.8951, 6.7761, 23.9216



0.0879, 0.1088, 0.2360

Previews

White Background



This preview shows how the XYZ color 14.8834, 12.5665, 3.7390 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 14.8834, 12.5665, 3.7390 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 14.8834, 12.5665, 3.7390

Background



This preview shows how black text looks on a background with the XYZ color 14.8834, 12.5665, 3.7390.



This preview shows how white text looks on a background with the XYZ color 14.8834, 12.5665,

3.7390.

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

14.8834, 12.5665, 3.7390

Protanopia

11.5864, 12.6833, 4.3201

Deuteranopia

12.7706, 12.6160, 3.6815



Tritanopia

16.3398, 12.5927, 10.5863

Trichromacy



Original Color

14.8834, 12.5665, 3.7390

Protanomaly

12.5729, 12.5038, 4.1337

Deuteranomaly

13.5702, 12.6328, 3.7306

Tritanomaly

15.7003, 12.5580, 7.3908

Monochromacy



Original Color

14.8834, 12.5665, 3.7390

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.2817, 12.1186, 8.7130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8834, 12.5665, 3.7390 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, 86, 41)` looks like.

```
.text, #text, p{  
    color:rgb(142, 86, 41)  
}
```

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, 86, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 86, 41) }
```

Border

The CSS property to change the border of an element to XYZ 14.8834, 12.5665, 3.7390 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, 86, 41) }
```


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

```
.border{ border-color:rgb(142, 86, 41) }
```

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

Here you see how a box with a 4 pixel rgb(142, 86, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 86, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 86, 41);  
box-shadow:4px 4px 4px 4px rgb(142, 86,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8834, 12.5665, 3.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 86, 41) }
```

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

```
.background{ background-color: rgb(142, 86,  
41) }
```

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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