

Converting Colors

XYZ(15.0399, 12.7170, 3.4080)

Have a look what the booklet for
XYZ(15.0399, 12.7170, 3.4080)
contains.

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Color

**XYZ(15.0698, 12.7896,
3.4246)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5725
RGB	143, 87, 37
RGB Percent	56%, 34%, 15%
CMY	0.4392, 0.6588, 0.8549
CMYK	0.00, 0.39, 0.74, 0.44
HSL	28°, 59%, 35%
HSV	28°, 74%, 56%
XYZ	15.0698, 12.7896, 3.4246
YIQ	98.0440, 49.4260, -3.6780

Conversions

Conversions Part 2

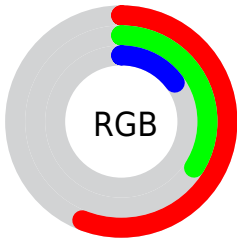
Format	Color
R_{YB}	143, 132, 37
Decimal	9393957
CIE Lab	42.44, 18.70, 37.63
CIE LCh	42, 42.026, 63.573
Yxy	12.7896, 0.4817, 0.4088
Android (android.graphics.Color)	4287584037 (0xFF8F5725)
YUV	98.0440, -30.0947, 39.4264
Hunter-Lab	35.7626, 12.6327, 19.3562

Details

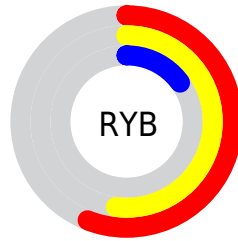
The XYZ color **15.0698, 12.7896, 3.4246** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.6349, 10.2045, 27.4483**, and the grayscale version is **11.6847, 12.2932, 13.3873**.

A 20% lighter version of the original color is **34.6727, 30.9647, 12.7437**, and **4.8174, 3.6606, 0.4527** is the 20% darker color. If you saturate the color by 10%, you get **14.3078, 11.5574, 2.2717**, and if you desaturate by 10%, it is **15.9844, 14.1864, 5.0626**.

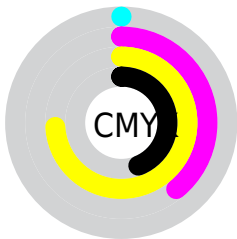
Distribution



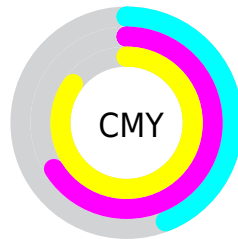
- Red (56%)
- Green (34%)
- Blue (15%)



- Red (56%)
- Yellow (52%)
- Blue (15%)



- Cyan (0%)
- Magenta (39%)
- Yellow (74%)
- Black (44%)



- Cyan (44%)
- Magenta (66%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0698, 12.7896, 3.4246 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 15.0698, 12.7896, 3.4246 by changing the saturation by 10% instead.

■ 15.0698, 12.7896,
3.4246

■ 15.0698, 12.7896,
3.4246

217.1683,
209.5648, 141.5973

■ 8.9550, 7.2838,
1.3153

■ 34.5462, 30.9253,
12.6593

■ 4.7687, 3.6402,
0.0743

■ 48.6386, 44.3240,
20.6219

■ 2.1456, 1.4744,
0.0000

■ 66.1209, 61.1224,
31.3725

■ 0.7138, 0.2706,
0.0000

■ 87.3584, 81.7050,
45.3299

■ 0.0000, 0.0000,
0.0000

■ 112.7166,
106.4561, 62.9126

■ 142.5607,

135.7602, 84.5390

177.2562,
170.0017, 110.6277

15.0698, 12.7896,
3.4246

15.0698, 12.7896,
3.4246

14.3078, 11.5574,
2.2717

15.9844, 14.1864,
5.0626

13.6843, 10.4793,
1.5427

17.0617, 15.7531,
7.2342

13.3621, 9.9086,
1.2083

18.3120, 17.4974,
9.9824

19.7441, 19.4255,
13.3459

21.3663, 21.5433,
17.3596

■ 23.1863, 23.8566,
22.0563

■ 25.2112, 26.3707,
27.4661

■ 27.4480, 29.0908,
33.6174

■ 29.9030, 32.0217,
40.5373

Harmonies

Analogous

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



17.9623, 12.7896, 6.3417



15.0698, 12.7896, 3.4246



11.7809, 12.7896, 2.7700

Triad

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



15.0698, 12.7896, 3.4246



7.0390, 12.7896, 15.0401



15.8405, 12.7896, 34.0718

Complementary

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



15.0698, 12.7896, 3.4246



9.6349, 10.2045, 27.4483

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.



12.5393, 12.7896, 39.5588



15.0698, 12.7896, 3.4246



7.7591, 12.7896, 25.9543

Square

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



15.0698, 12.7896, 3.4246



7.4814, 12.7896, 7.5215



9.6445, 12.7896, 36.0819



18.4588, 12.7896, 23.2087

Rectangle

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



15.0698, 12.7896, 3.4246



9.8818, 12.7896, 3.2827



9.6445, 12.7896, 36.0819



14.7552, 12.7896, 36.7781

Sweetspot

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



15.0701, 12.7903, 3.4248



38.7802, 39.2443, 32.3987



13.9887, 7.9626, 11.2799



8.7234, 8.7813, 6.9996



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.



15.0701, 12.7903, 3.4248



24.8436, 19.3640, 3.1125



20.9618, 24.5737, 5.3887



5.6055, 5.8173, 5.7168



11.8354, 8.8026, 1.0753



0.1349, 0.1277, 0.0175

Inverse Universe

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



9.6349, 10.2045, 27.4483



14.5393, 14.4296, 48.5569



6.4978, 3.9303, 26.4026



5.3506, 5.6969, 6.8464



6.6622, 6.3104, 23.8440



0.0858, 0.1045, 0.2353

Previews

White Background



This preview shows how the XYZ color 15.0698, 12.7896, 3.4246 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 15.0698, 12.7896, 3.4246 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 15.0698, 12.7896, 3.4246

Background



This preview shows how black text looks on a background with the XYZ color 15.0698, 12.7896, 3.4246.



This preview shows how white text looks on a background with the XYZ color 15.0698, 12.7896,

3.4246.

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

15.0698, 12.7896, 3.4246

Protanopia

11.7360, 12.9122, 3.9716

Deuteranopia

13.0758, 12.9169, 3.3174



Tritanopia

16.6328, 12.8502, 10.8362

Trichromacy



Original Color

15.0698, 12.7896, 3.4246

Protanomaly

12.7343, 12.7299, 3.7934

Deuteranomaly

13.7334, 12.8556, 3.3477

Tritanomaly

15.9216, 12.7901, 7.2598

Monochromacy



Original Color

15.0698, 12.7896, 3.4246

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.2466, 12.1046, 8.5284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0698, 12.7896, 3.4246 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(143, 87, 37)` looks like.

```
.text, #text, p{  
    color:rgb(143, 87, 37)  
}
```

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(143, 87, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 87, 37) }
```

Border

The CSS property to change the border of an element to XYZ 15.0698, 12.7896, 3.4246 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(143, 87, 37) }
```


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

```
.border{ border-color:rgb(143, 87, 37) }
```

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

Here you see how a box with a 4 pixel rgb(143, 87, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 87, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 87, 37);  
box-shadow:4px 4px 4px 4px rgb(143, 87,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0698, 12.7896, 3.4246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 87, 37) }
```

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

```
.background{ background-color: rgb(143, 87,  
37) }
```

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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