

Converting Colors

XYZ(15.0053, 12.6352, 3.4817)

Have a look what the booklet for
XYZ(15.0053, 12.6352, 3.4817)
contains.

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Color

**XYZ(15.0053, 12.6352,
3.4817)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5626
RGB	143, 86, 38
RGB Percent	56%, 34%, 15%
CMY	0.4392, 0.6627, 0.8510
CMYK	0.00, 0.40, 0.73, 0.44
HSL	27°, 58%, 35%
HSV	27°, 73%, 56%
XYZ	15.0053, 12.6352, 3.4817
YIQ	97.5710, 49.3800, -2.8440

Conversions

Conversions Part 2

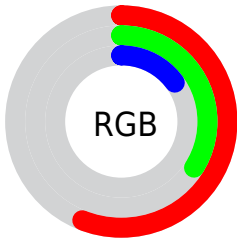
Format	Color
RYB	143, 126, 38
Decimal	9393702
CIELab	42.21, 19.34, 36.88
CIELCh	42, 41.640, 62.332
Yxy	12.6352, 0.4821, 0.4060
Android (android.graphics.Color)	4287583782 (0xFF8F5626)
YUV	97.5710, -29.3685, 39.8412
Hunter-Lab	35.5460, 13.1459, 19.0748

Details

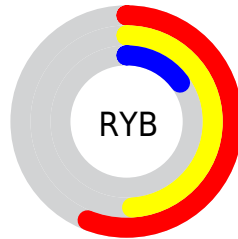
The XYZ color **15.0053, 12.6352, 3.4817** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.8491, 10.5789, 27.5091**, and the grayscale version is **11.5652, 12.1675, 13.2505**.

A 20% lighter version of the original color is **34.5312, 30.6817, 12.6965**, and **4.7833, 3.5923, 0.4413** is the 20% darker color. If you saturate the color by 10%, you get **14.2310, 11.3876, 2.2959**, and if you desaturate by 10%, it is **15.9362, 14.0543, 5.1573**.

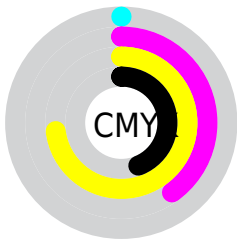
Distribution



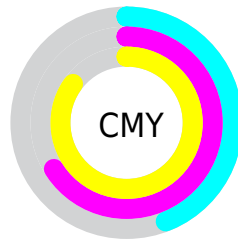
- Red (56%)
- Green (34%)
- Blue (15%)



- Red (56%)
- Yellow (49%)
- Blue (15%)



- Cyan (0%)
- Magenta (40%)
- Yellow (73%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0053, 12.6352, 3.4817 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 15.0053, 12.6352, 3.4817 by changing the saturation by 10% instead.

■ 15.0053, 12.6352,
3.4817

■ 15.0053, 12.6352,
3.4817

216.7860,
208.5663, 142.2774

■ 8.9094, 7.1778,
1.3455

■ 34.4341, 30.6468,
12.7956

■ 4.7388, 3.5736,
0.0987

■ 48.4977, 43.9699,
20.8104

■ 2.1280, 1.4380,
0.0000

■ 65.9479, 60.6836,
31.6218

■ 0.7044, 0.2445,
0.0000

■ 87.1501, 81.1724,
45.6484

■ 0.0000, 0.0000,
0.0000

■ 112.4697,
105.8207, 63.3088

■ 142.2720,

135.0128, 85.0213

176.9223,
169.1332, 111.2047

15.0053, 12.6352,
3.4817

15.0053, 12.6352,
3.4817

14.2310, 11.3876,
2.2959

15.9362, 14.0543,
5.1573

13.5994, 10.3008,
1.5415

17.0340, 15.6505,
7.3708

13.2396, 9.6636,
1.1675

18.3088, 17.4317,
10.1649

19.7698, 19.4045,
13.5779

21.4252, 21.5752,
17.6450

■ 23.2829, 23.9495,
22.3984

■ 25.3502, 26.5332,
27.8684

■ 27.6339, 29.3317,
34.0833

■ 30.1407, 32.3501,
41.0699

Harmonies

Analogous

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



17.8033, 12.6352, 6.4809



15.0053, 12.6352, 3.4817



11.7677, 12.6352, 2.7604

Triad

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



15.0053, 12.6352, 3.4817



6.9709, 12.6352, 14.4663



15.4996, 12.6352, 33.8926

Complementary

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



15.0053, 12.6352, 3.4817



9.8491, 10.5789, 27.5091

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.



12.2544, 12.6352, 38.9414



15.0053, 12.6352, 3.4817



7.6324, 12.6352, 25.0990

Square

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



15.0053, 12.6352, 3.4817



7.4540, 12.6352, 7.2396



9.4414, 12.6352, 35.1798



18.1216, 12.6352, 23.3395

Rectangle

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



15.0053, 12.6352, 3.4817



9.8776, 12.6352, 3.2191



9.4414, 12.6352, 35.1798



14.4277, 12.6352, 36.4545

Sweetspot

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



15.0056, 12.6359, 3.4819



38.6734, 39.0306, 32.3631



14.1205, 8.0658, 11.8188



8.6968, 8.7281, 6.9908



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.



15.0056, 12.6359, 3.4819



24.7303, 19.1091, 3.1613



20.7300, 24.0846, 5.3901



5.5993, 5.8048, 5.7147



11.7270, 8.5856, 1.0391



0.1337, 0.1253, 0.0171

Inverse Universe

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



9.8491, 10.5789, 27.5091



14.9299, 15.1512, 48.6756



6.6303, 4.1413, 26.4362



5.3569, 5.7095, 6.8485



6.7901, 6.5662, 23.8866



0.0870, 0.1069, 0.2357

Previews

White Background



This preview shows how the XYZ color 15.0053, 12.6352, 3.4817 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 15.0053, 12.6352, 3.4817 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 15.0053, 12.6352, 3.4817

Background



This preview shows how black text looks on a background with the XYZ color 15.0053, 12.6352, 3.4817.



This preview shows how white text looks on a background with the XYZ color 15.0053, 12.6352,

3.4817.

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

15.0053, 12.6352, 3.4817

Protanopia

11.5306, 12.6610, 4.0266

Deuteranopia

12.8530, 12.6657, 3.3574



Tritanopia

16.5168, 12.6840, 10.5945

Trichromacy



Original Color

15.0053, 12.6352, 3.4817

Protanomaly

12.6608, 12.5555, 3.8540

Deuteranomaly

13.6613, 12.6872, 3.3979

Tritanomaly

15.8445, 12.6359, 7.2341

Monochromacy



Original Color

15.0053, 12.6352, 3.4817

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 15.0053, 12.6352, 3.4817 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, 86, 38)` looks like.

```
.text, #text, p{  
    color:rgb(143, 86, 38)  
}
```

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, 86, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 86, 38) }
```

Border

The CSS property to change the border of an element to XYZ 15.0053, 12.6352, 3.4817 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, 86, 38) }
```


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

```
.border{ border-color:rgb(143, 86, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 86, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 86, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 86, 38);  
box-shadow:4px 4px 4px 4px rgb(143, 86,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0053, 12.6352, 3.4817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 86, 38) }
```

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

```
.background{ background-color: rgb(143, 86,  
38) }
```

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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