

Converting Colors

XYZ(16.4184, 15.1674, 4.8586)

Have a look what the booklet for
XYZ(16.4184, 15.1674, 4.8586)
contains.

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Color

**XYZ(16.4184, 15.1674,
4.8586)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6430
RGB	143, 100, 48
RGB Percent	56%, 39%, 19%
CMY	0.4392, 0.6078, 0.8118
CMYK	0.00, 0.30, 0.66, 0.44
HSL	33°, 50%, 37%
HSV	33°, 66%, 56%
XYZ	16.4184, 15.1674, 4.8586
YIQ	106.9290, 42.3200, -7.0560

Conversions

Conversions Part 2

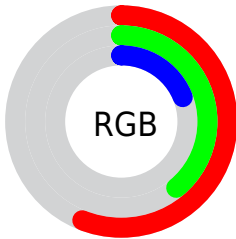
Format	Color
R_{YB}	127, 143, 48
Decimal	9397296
CIE _{Lab}	45.86, 11.81, 35.72
CIE _{LCh}	46, 37.624, 71.700
Yxy	15.1674, 0.4505, 0.4162
Android (android.graphics.Color)	4287587376 (0xFF8F6430)
YUV	106.9290, -29.0520, 31.6343
Hunter-Lab	38.9453, 7.0969, 19.8651

Details

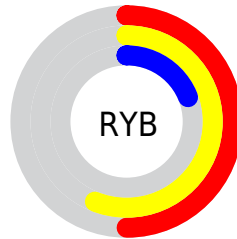
The XYZ color **16.4184, 15.1674, 4.8586** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.9178, 10.0933, 27.4120**, and the grayscale version is **14.0256, 14.7560, 16.0693**.

A 20% lighter version of the original color is **36.9973, 35.2571, 15.9217**, and **5.3929, 4.6701, 0.6172** is the 20% darker color. If you saturate the color by 10%, you get **15.5733, 13.8758, 3.3484**, and if you desaturate by 10%, it is **17.4087, 16.5972, 6.8870**.

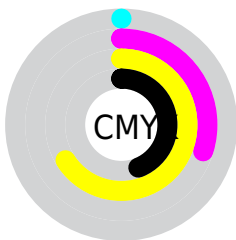
Distribution



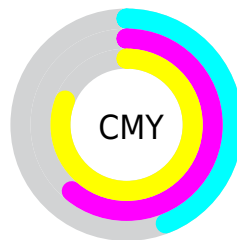
- Red (56%)
- Green (39%)
- Blue (19%)



- Red (50%)
- Yellow (56%)
- Blue (19%)



- Cyan (0%)
- Magenta (30%)
- Yellow (66%)
- Black (44%)





- Cyan (44%)
- Magenta (61%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.4184, 15.1674, 4.8586 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 16.4184, 15.1674, 4.8586 by changing the saturation by 10% instead.


 16.4184, 15.1674,
4.8586


 16.4184, 15.1674,
4.8586


225.0203,
224.3772, 157.3378


 9.9134, 8.9370,
2.1073


 36.8747, 35.1466,
15.9460

 5.4034, 4.7001,
0.6201

 51.5567, 49.6641,
25.1191


 2.5230, 2.0724,
0.0000

 69.6951, 67.7128,
37.2699

 0.9069, 0.6490,
0.0000

 91.6552, 89.6770,
52.8169

 0.0000, 0.0000,
0.0000

 117.8024,
115.9412, 72.1786

 148.5021,

146.8897, 95.7737

184.1196,
182.9069, 124.0206

■ 16.4184, 15.1674,
4.8586

■ 16.4184, 15.1674,
4.8586

■ 15.5733, 13.8758,
3.3484

■ 17.4087, 16.5972,
6.8870

■ 14.8617, 12.7141,
2.3050

■ 18.5525, 18.1686,
9.4767

■ 14.2675, 11.6746,
1.6479

■ 19.8587, 19.8872,
12.6673

■ 14.0719, 11.3281,
1.4449

■ 21.3350, 21.7579,
16.4943

■ 22.9885, 23.7852,
20.9906

■ 24.8259, 25.9733,
26.1867

■ 26.8537, 28.3263,
32.1114

■ 29.0777, 30.8480,
38.7916

■ 31.5038, 33.5422,
46.2531

Harmonies

Analogous

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



19.4693, 15.1674, 7.4034



16.4184, 15.1674, 4.8586



13.2137, 15.1674, 4.6319

Triad

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



16.4184, 15.1674, 4.8586



9.2282, 15.1674, 20.3184



18.8686, 15.1674, 33.3020

Complementary

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



16.4184, 15.1674, 4.8586



9.9178, 10.0933, 27.4120

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.



15.6894, 15.1674, 40.2204



16.4184, 15.1674, 4.8586



10.3230, 15.1674, 31.0824

Square

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



16.4184, 15.1674, 4.8586



9.3639, 15.1674, 11.6125



12.5837, 15.1674, 39.2851



21.0207, 15.1674, 22.6325

Rectangle

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



16.4184, 15.1674, 4.8586



11.4414, 15.1674, 5.6615



12.5837, 15.1674, 39.2851



17.8664, 15.1674, 36.2932

Sweetspot

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



16.4188, 15.1682, 4.8589



39.9484, 41.1129, 34.2304



14.3311, 8.7322, 11.1321



8.9904, 9.2187, 7.3863



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.



16.4188, 15.1682, 4.8589



27.1907, 23.7270, 4.9159



21.1431, 25.4192, 6.5886



5.6381, 5.8826, 5.7277



12.4634, 10.0584, 1.2846



0.1412, 0.1403, 0.0196

Inverse Universe

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



9.9178, 10.0933, 27.4120



14.6642, 13.9772, 48.4630



7.3887, 4.8054, 26.5246



5.3180, 5.6318, 6.8355



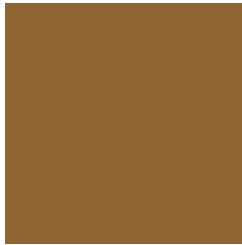
6.0615, 5.1090, 23.6437



0.0795, 0.0919, 0.2332

Previews

White Background



This preview shows how the XYZ color 16.4184, 15.1674, 4.8586 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 16.4184, 15.1674, 4.8586 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 16.4184, 15.1674, 4.8586

Background



This preview shows how black text looks on a background with the XYZ color 16.4184, 15.1674, 4.8586.



This preview shows how white text looks on a background with the XYZ color 16.4184, 15.1674,

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

16.4184, 15.1674, 4.8586

Protanopia

13.9513, 15.2412, 5.3385

Deuteranopia

15.4551, 15.2568, 4.8196



Tritanopia

18.3843, 15.1480, 14.2668

Trichromacy



Original Color

16.4184, 15.1674, 4.8586

Protanomaly

14.7830, 15.2055, 5.1734

Deuteranomaly

15.8446, 15.3090, 4.8092

Tritanomaly

17.5599, 15.0859, 9.9690

Monochromacy



Original Color

16.4184, 15.1674, 4.8586

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.3758, 14.5656, 10.8579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4184, 15.1674, 4.8586 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, 100, 48)` looks like.

```
.text, #text, p{  
    color:rgb(143, 100, 48)  
}
```

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, 100, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 100, 48) }
```

Border

The CSS property to change the border of an element to XYZ 16.4184, 15.1674, 4.8586 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, 100, 48) }
```


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

```
.border{ border-color:rgb(143, 100, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 100, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 100, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 100, 48);  
box-shadow:4px 4px 4px 4px rgb(143, 100,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4184, 15.1674, 4.8586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 100, 48) }
```

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

```
.background{ background-color: rgb(143,  
100, 48) }
```

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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