

Converting Colors

XYZ(16.5148, 18.7884, 2.9043)

Have a look what the booklet for
XYZ(16.5148, 18.7884, 2.9043)
contains.

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Color

**XYZ(16.5026, 18.8356,
2.9094)**

Conversions

Conversions Part 1

Format	Color
Hex	847A05
RGB	132, 122, 5
RGB Percent	52%, 48%, 2%
CMY	0.4824, 0.5216, 0.9804
CMYK	0.00, 0.08, 0.96, 0.48
HSL	55°, 93%, 27%
HSV	55°, 96%, 52%
XYZ	16.5026, 18.8356, 2.9094
YIQ	111.6520, 43.5170, -34.2670

Conversions

Conversions Part 2

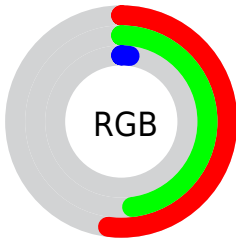
Format	Color
R_{YB}	16, 132, 5
Decimal	8681989
CIE Lab	50.49, -7.68, 54.85
CIE LCh	50, 55.388, 97.965
Yxy	18.8356, 0.4315, 0.4925
Android (android.graphics.Color)	4286872069 (0xFF847A05)
YUV	111.6520, -52.5794, 17.8452
Hunter-Lab	43.4000, -8.0764, 26.4054

Details

The XYZ color **16.5026, 18.8356, 2.9094** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.3983, 2.0399, 21.9914**, and the grayscale version is **15.4399, 16.2440, 17.6897**.

A 20% lighter version of the original color is **36.8882, 41.3687, 11.3509**, and **5.6732, 6.5598, 0.9672** is the 20% darker color. If you saturate the color by 10%, you get **16.4273, 18.7289, 2.7492**, and if you desaturate by 10%, it is **16.7147, 19.1264, 3.3920**.

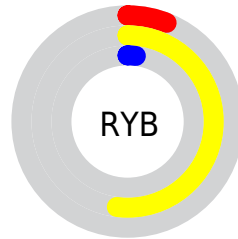
Distribution



Red (52%)

Green (48%)

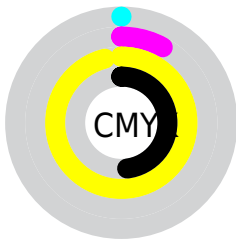
Blue (2%)



Red (6%)

Yellow (52%)

Blue (2%)

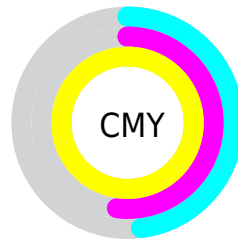


Cyan (0%)

Magenta (8%)

Yellow (96%)

Black (48%)



Cyan (48%)

Magenta (52%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5026, 18.8356, 2.9094 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 16.5026, 18.8356, 2.9094 by changing the saturation by 10% instead.

■ 16.5026, 18.8356,
2.9094

■ 16.5026, 18.8356,
2.9094

■ 225.5020,
245.5397, 135.1982

■ 9.9736, 11.5515,
1.0486

■ 37.0190, 41.4561,
11.4040

■ 5.4436, 6.4391,
0.0000

■ 51.7371, 57.5614,
18.8749

■ 2.5472, 3.1139,
0.0000

■ 69.9157, 77.3758,
29.0529

■ 0.9191, 1.1915,
0.0000

■ 91.9200, 101.2838,
42.3565


■ 0.0000, 0.0547,
0.0000


■ 118.1154,
129.6698, 59.2043


■ 0.0000, 0.0000,
0.0000


■ 148.8673,


162.9182, 80.0149


 184.5411,
201.4134, 105.2066


 16.5026, 18.8356,
2.9094


 16.5026, 18.8356,
2.9094


 16.4273, 18.7289,
2.7492

 16.7147, 19.1264,
3.3920

 16.9862, 19.4424,
4.1821

 17.3306, 19.7897,
5.3495

 17.7556, 20.1715,
6.9349

 18.2681, 20.5905,
8.9738

■ 18.8741, 21.0491,
11.4980

■ 19.5789, 21.5495,
14.5363

■ 20.3878, 22.0937,
18.1154

■ 21.3053, 22.6837,
22.2599

Harmonies

Analogous

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



22.0857, 18.8356, 3.4527



16.5026, 18.8356, 2.9094



12.2467, 18.8356, 4.8669

Triad

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



16.5026, 18.8356, 2.9094



10.9034, 18.8356, 44.7681



29.3499, 18.8356, 33.8039

Complementary

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



16.5026, 18.8356, 2.9094



4.3983, 2.0399, 21.9914

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.



25.0768, 18.8356, 54.0022



16.5026, 18.8356, 2.9094



14.2843, 18.8356, 62.2435

Square

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



16.5026, 18.8356, 2.9094



9.4655, 18.8356, 24.9097



19.3798, 18.8356, 66.2778



30.2742, 18.8356, 16.6593

Rectangle

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



16.5026, 18.8356, 2.9094



10.4668, 18.8356, 8.4372



19.3798, 18.8356, 66.2778



28.2213, 18.8356, 40.6613

Sweetspot

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



16.5030, 18.8365, 2.9098



34.0414, 37.6483, 23.6596



9.6604, 5.0503, 0.9399



7.8196, 8.6900, 5.0523



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.5030, 18.8365, 2.9098



28.8873, 32.8917, 4.8262



11.5101, 18.1792, 3.0461



5.0092, 5.3620, 5.0003



15.9078, 18.1381, 2.6626



0.0574, 0.0675, 0.0100

Inverse Universe

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



4.3983, 2.0399, 21.9914



7.4861, 3.2340, 38.6828



5.9594, 2.6718, 22.0310



4.4618, 4.5992, 5.8533



4.1437, 1.8352, 21.2725



0.0161, 0.0099, 0.0743

Previews

White Background



This preview shows how the XYZ color 16.5026, 18.8356, 2.9094 looks on a white 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

Black Background



This preview shows how the XYZ color 16.5026, 18.8356, 2.9094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

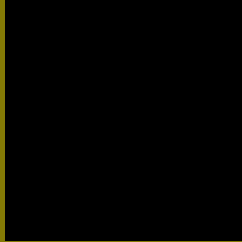
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.5026, 18.8356, 2.9094

Background



This preview shows how black text looks on a background with the XYZ color 16.5026, 18.8356, 2.9094.



This preview shows how white text looks on a background with the XYZ color 16.5026, 18.8356,

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

16.5026, 18.8356, 2.9094

Protanopia

17.0072, 18.9156, 2.8408

Deuteranopia

19.0674, 18.7505, 3.1446



Tritanopia

20.0654, 18.7044, 20.9651

Trichromacy



Original Color

16.5026, 18.8356, 2.9094

Protanomaly

16.8510, 18.8344, 2.8621

Deuteranomaly

18.1110, 18.7714, 3.0495

Tritanomaly

17.8100, 18.2895, 9.9887

Monochromacy



Original Color

16.5026, 18.8356, 2.9094

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.0557, 16.8938, 8.7706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5026, 18.8356, 2.9094 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(132, 122, 5)` looks like.

```
.text, #text, p{  
    color:rgb(132, 122, 5)  
}
```

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(132, 122, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 122, 5) }
```

Border

The CSS property to change the border of an element to XYZ 16.5026, 18.8356, 2.9094 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(132, 122, 5) }
```


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

```
.border{ border-color:rgb(132, 122, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 122, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 122, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 122, 5);  
box-shadow:4px 4px 4px 4px rgb(132, 122,  
5) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5026, 18.8356, 2.9094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 122, 5) }
```

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

```
.background{ background-color: rgb(132,  
122, 5) }
```

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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