

Converting Colors

XYZ(17.0141, 16.8841, 2.5919)

Have a look what the booklet for
XYZ(17.0141, 16.8841, 2.5919)
contains.

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Color

**XYZ(17.0141, 16.8841,
2.5919)**

Conversions

Conversions Part 1

Format	Color
Hex	906D08
RGB	144, 109, 8
RGB Percent	56%, 43%, 3%
CMY	0.4353, 0.5725, 0.9686
CMYK	0.00, 0.24, 0.94, 0.44
HSL	45°, 89%, 30%
HSV	45°, 94%, 56%
XYZ	17.0141, 16.8841, 2.5919
YIQ	107.9510, 53.2810, -23.9910

Conversions

Conversions Part 2

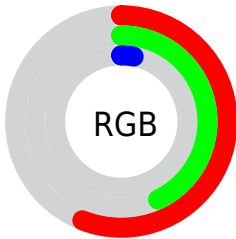
Format	Color
R_{YB}	55, 144, 8
Decimal	9465096
CIE Lab	48.11, 5.44, 53.01
CIE LCh	48, 53.286, 84.142
Yxy	16.8841, 0.4663, 0.4627
Android (android.graphics.Color)	4287655176 (0xFF906D08)
YUV	107.9510, -49.2758, 31.6150
Hunter-Lab	41.0903, 2.0029, 25.0233

Details

The XYZ color **17.0141, 16.8841, 2.5919** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.9981, 3.7931, 26.8015**, and the grayscale version is **14.3640, 15.1121, 16.4571**.

A 20% lighter version of the original color is **37.9410, 38.1034, 10.6652**, and **5.8424, 5.5691, 0.7670** is the 20% darker color. If you saturate the color by 10%, you get **16.7534, 16.4330, 2.2889**, and if you desaturate by 10%, it is **17.5231, 17.7343, 3.2792**.

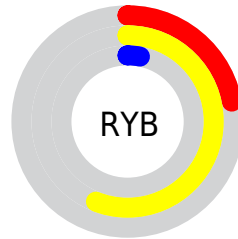
Distribution



Red (56%)

Green (43%)

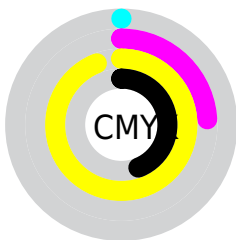
Blue (3%)



Red (22%)

Yellow (56%)

Blue (3%)

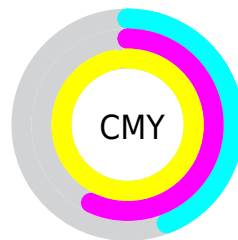


Cyan (0%)

Magenta (24%)

Yellow (94%)

Black (44%)



Cyan (44%)

Magenta (57%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0141, 16.8841, 2.5919 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 17.0141, 16.8841, 2.5919 by changing the saturation by 10% instead.

■ 17.0141, 16.8841,
2.5919

■ 17.0141, 16.8841,
2.5919

228.4083,
234.5036, 130.9800

■ 10.3399, 10.1519,
0.8883

■ 37.8934, 38.1264,
10.6036

■ 5.6889, 5.4998,
0.0000

■ 52.8293, 53.4053,
17.7508

■ 2.6957, 2.5434,
0.0000

■ 71.2497, 72.3018,
27.5502

■ 0.9950, 0.8983,
0.0000

■ 93.5201, 95.2005,
40.4204


■ 0.0000, 0.0000,
0.0000


■ 120.0058,
122.4856, 56.7800


■ 151.0721,


154.5415, 77.0474


 187.0845,
191.7527, 101.6412


 17.0141, 16.8841,
2.5919


 17.0141, 16.8841,
2.5919


 16.7534, 16.4330,
2.2889

 17.5231, 17.7343,
3.2792

 18.1258, 18.6483,
4.3784

 18.8346, 19.6321,
5.9524

 19.6592, 20.6898,
8.0507

 20.6079, 21.8250,
10.7168

■ 21.6884, 23.0412,
13.9894

■ 22.9074, 24.3412,
17.9039

■ 24.2713, 25.7281,
22.4929

■ 25.7862, 27.2044,
27.7868

Harmonies

Analogous

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



22.1230, 16.8841, 4.1587



17.0141, 16.8841, 2.5919



12.5427, 16.8841, 3.2304

Triad

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



17.0141, 16.8841, 2.5919



8.9798, 16.8841, 31.5421



24.8084, 16.8841, 38.7690

Complementary

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



17.0141, 16.8841, 2.5919



5.9981, 3.7931, 26.8015

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.



20.1518, 16.8841, 54.8813



17.0141, 16.8841, 2.5919



11.2011, 16.8841, 49.4454

Square

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



17.0141, 16.8841, 2.5919



8.4713, 16.8841, 15.8017



15.1189, 16.8841, 59.5404



27.1669, 16.8841, 21.2332

Rectangle

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



17.0141, 16.8841, 2.5919



10.4121, 16.8841, 5.1442



15.1189, 16.8841, 59.5404



23.4199, 16.8841, 44.8233

Sweetspot

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



17.0145, 16.8849, 2.5922



39.4844, 41.9664, 28.5838



12.0482, 6.2869, 2.9881



8.8644, 9.4198, 5.9475



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.



17.0145, 16.8849, 2.5922



29.4102, 28.7060, 3.9907



16.7333, 23.4263, 3.8697



5.7237, 6.0537, 5.7562



14.6087, 14.3491, 1.9997



0.1574, 0.1727, 0.0250

Inverse Universe

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



5.9981, 3.7931, 26.8015



9.9318, 5.6575, 47.1066



5.9858, 2.6332, 26.5782



5.2354, 5.4666, 6.8080



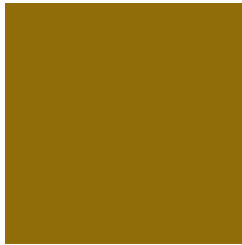
4.9783, 2.9426, 23.2827



0.0633, 0.0595, 0.2278

Previews

White Background



This preview shows how the XYZ color 17.0141, 16.8841, 2.5919 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 17.0141, 16.8841, 2.5919 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 17.0141, 16.8841, 2.5919

Background



This preview shows how black text looks on a background with the XYZ color 17.0141, 16.8841, 2.5919.



This preview shows how white text looks on a background with the XYZ color 17.0141, 16.8841,

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

17.0141, 16.8841, 2.5919

Protanopia

15.2444, 16.9528, 2.7854

Deuteranopia

17.1950, 16.9767, 2.6290



Tritanopia

19.8084, 16.8010, 16.6669

Trichromacy



Original Color

17.0141, 16.8841, 2.5919

Protanomaly

15.7914, 16.9005, 2.7170

Deuteranomaly

17.1950, 16.9767, 2.6290

Tritanomaly

18.1526, 16.5716, 8.3728

Monochromacy



Original Color

17.0141, 16.8841, 2.5919

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.4174, 15.2580, 8.3161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0141, 16.8841, 2.5919 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(144, 109, 8)` looks like.

```
.text, #text, p{  
    color:rgb(144, 109, 8)  
}
```

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(144, 109, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 109, 8) }
```

Border

The CSS property to change the border of an element to XYZ 17.0141, 16.8841, 2.5919 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(144, 109, 8) }
```


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

```
.border{ border-color:rgb(144, 109, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 109, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 109, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 109, 8);  
box-shadow:4px 4px 4px 4px rgb(144, 109,  
8) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0141, 16.8841, 2.5919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 109, 8) }
```

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

```
.background{ background-color: rgb(144,  
109, 8) }
```

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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