

Converting Colors

XYZ(16.4911, 16.6171, 2.5396)

Have a look what the booklet for
XYZ(16.4911, 16.6171, 2.5396)
contains.

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Color

**XYZ(16.4915, 16.6153,
2.5389)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6D07
RGB	141, 109, 7
RGB Percent	55%, 43%, 3%
CMY	0.4471, 0.5725, 0.9725
CMYK	0.00, 0.23, 0.95, 0.45
HSL	46°, 91%, 29%
HSV	46°, 95%, 55%
XYZ	16.4915, 16.6153, 2.5389
YIQ	106.9400, 51.8140, -24.9380

Conversions

Conversions Part 2

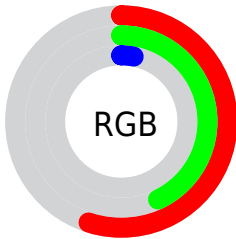
Format	Color
RYB	49, 141, 7
Decimal	9268487
CIELab	47.77, 4.00, 52.81
CIElCh	48, 52.964, 85.671
Yxy	16.6153, 0.4627, 0.4661
Android (android.graphics.Color)	4287458567 (0xFF8D6D07)
YUV	106.9400, -49.2704, 29.8706
Hunter-Lab	40.7619, 0.8845, 24.8404

Details

The XYZ color **16.4915, 16.6153, 2.5389** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.6210, 3.4195, 25.5629**, and the grayscale version is **14.0813, 14.8146, 16.1331**.

A 20% lighter version of the original color is **36.8429, 37.5407, 10.4585**, and **5.5604, 5.4237, 0.7538** is the 20% darker color. If you saturate the color by 10%, you get **16.2767, 16.2472, 2.2781**, and if you desaturate by 10%, it is **16.9559, 17.3875, 3.1771**.

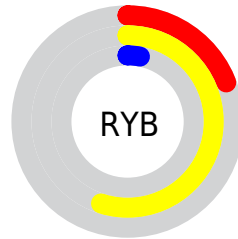
Distribution



Red (55%)

Green (43%)

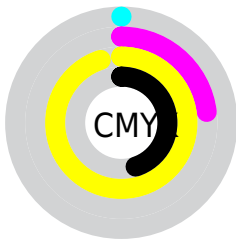
Blue (3%)



Red (19%)

Yellow (55%)

Blue (3%)

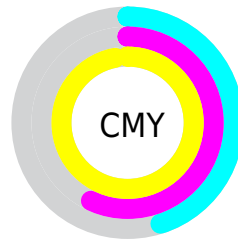


Cyan (0%)

Magenta (23%)

Yellow (95%)

Black (45%)



Cyan (45%)

Magenta (57%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4915, 16.6153, 2.5389 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 16.4915, 16.6153, 2.5389 by changing the saturation by 10% instead.

■ 16.4915, 16.6153,
2.5389

■ 16.4915, 16.6153,
2.5389

225.4386,
232.9456, 130.2519

■ 9.9657, 9.9606,
0.8607

■ 37.0000, 37.6631,
10.4677

■ 5.4383, 5.3728,
0.0000

■ 51.7134, 52.8251,
17.5590

■ 2.5440, 2.4676,
0.0000

■ 69.8866, 71.5915,
27.2930

■ 0.9175, 0.8604,
0.0000

■ 91.8851, 94.3469,
40.0882

■ 0.0000, 0.0000,
0.0000

■ 118.0742,
121.4756, 56.3632

■ 148.8192,

153.3620, 76.5364

184.4856,
190.3906, 101.0265

16.4915, 16.6153,
2.5389

16.4915, 16.6153,
2.5389

16.2767, 16.2472,
2.2781

16.9559, 17.3875,
3.1771

17.5061, 18.2156,
4.1995

18.1546, 19.1056,
5.6707

18.9106, 20.0612,
7.6379

19.7822, 21.0861,
10.1427

■ 20.7764, 22.1832,
13.2220

■ 21.8998, 23.3553,
16.9096

■ 23.1584, 24.6052,
21.2365

■ 24.5580, 25.9353,
26.2317

Harmonies

Analogous

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



21.5201, 16.6153, 3.9509



16.4915, 16.6153, 2.5389



12.1587, 16.6153, 3.2775

Triad

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



16.4915, 16.6153, 2.5389



8.9108, 16.6153, 31.9446



24.5941, 16.6153, 37.2030

Complementary

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



16.4915, 16.6153, 2.5389



5.6210, 3.4195, 25.5629

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.



20.0862, 16.6153, 53.3656



16.4915, 16.6153, 2.5389



11.1834, 16.6153, 49.4086

Square

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



16.4915, 16.6153, 2.5389



8.3266, 16.6153, 16.1886



15.1132, 16.6153, 58.6875



26.7560, 16.6153, 20.1374

Rectangle

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



16.4915, 16.6153, 2.5389



10.1209, 16.6153, 5.2818



15.1132, 16.6153, 58.6875



23.2639, 16.6153, 43.1995

Sweetspot

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



16.4919, 16.6161, 2.5392



38.2661, 40.8451, 27.1116



11.4521, 5.9715, 2.6018



8.3808, 8.9483, 5.5148



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.4919, 16.6161, 2.5392



29.0143, 28.8267, 4.0349



15.6871, 22.2220, 3.6637



5.7319, 6.0702, 5.7589



14.8539, 14.8395, 2.0814



0.1590, 0.1758, 0.0256

Inverse Universe

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



5.6210, 3.4195, 25.5629



9.5046, 5.2335, 45.6371



5.7786, 2.5365, 25.3842



5.2277, 5.4511, 6.8054



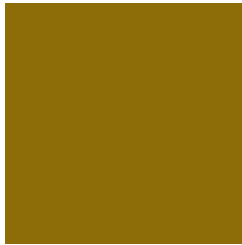
4.9076, 2.8012, 23.2591



0.0617, 0.0564, 0.2273

Previews

White Background



This preview shows how the XYZ color 16.4915, 16.6153, 2.5389 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 16.4915, 16.6153, 2.5389 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 16.4915, 16.6153, 2.5389

Background



This preview shows how black text looks on a background with the XYZ color 16.4915, 16.6153, 2.5389.



This preview shows how white text looks on a background with the XYZ color 16.4915, 16.6153,

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

16.4915, 16.6153, 2.5389

Protanopia

14.9742, 16.6457, 2.7109

Deuteranopia

16.9135, 16.6741, 2.5854



Tritanopia

19.2681, 16.5225, 16.6416

Trichromacy



Original Color

16.4915, 16.6153, 2.5389

Protanomaly

15.5163, 16.5946, 2.6437

Deuteranomaly

16.7341, 16.5823, 2.5484

Tritanomaly

17.6216, 16.2978, 8.3479

Monochromacy



Original Color

16.4915, 16.6153, 2.5389

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.1076, 15.1020, 8.1327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4915, 16.6153, 2.5389 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(141, 109, 7)` looks like.

```
.text, #text, p{  
    color:rgb(141, 109, 7)  
}
```

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(141, 109, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 109, 7) }
```

Border

The CSS property to change the border of an element to XYZ 16.4915, 16.6153, 2.5389 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(141, 109, 7) }
```


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

```
.border{ border-color:rgb(141, 109, 7) }
```

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

Here you see how a box with a 4 pixel rgb(141, 109, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 109, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 109, 7);  
box-shadow:4px 4px 4px 4px rgb(141, 109,  
7) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4915, 16.6153, 2.5389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 109, 7) }
```

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

```
.background{ background-color: rgb(141,  
109, 7) }
```

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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