

Converting Colors

XYZ(16.1107, 16.9067, 2.4142)

Have a look what the booklet for
XYZ(16.1107, 16.9067, 2.4142)
contains.

XYZ(16.1107, 16.9067, 2.4142)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.1107, 16.9067,
2.4142)**

Conversions

Conversions Part 1

Format	Color
Hex	897000
RGB	137, 112, 0
RGB Percent	54%, 44%, 0%
CMY	0.4627, 0.5608, 1.0000
CMYK	0.00, 0.18, 1.00, 0.46
HSL	49°, 100%, 27%
HSV	49°, 100%, 54%
XYZ	16.1107, 16.9067, 2.4142
YIQ	106.7070, 50.8520, -29.5320

Conversions

Conversions Part 2

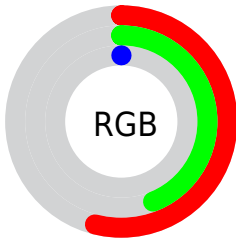
Format	Color
RYB	31, 137, 0
Decimal	9007104
CIELab	48.14, 0.24, 54.40
CIELCh	48, 54.404, 89.750
Yxy	16.9067, 0.4547, 0.4772
Android (android.graphics.Color)	4287197184 (0xFF897000)
YUV	106.7070, -52.6066, 26.5670
Hunter-Lab	41.1178, -2.0165, 25.3013

Details

The XYZ color **16.1107, 16.9067, 2.4142** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.8631, 2.5015, 23.8933**, and the grayscale version is **14.0257, 14.7561, 16.0694**.

A 20% lighter version of the original color is **36.2425, 38.0226, 10.1315**, and **5.4576, 5.6196, 0.7970** is the 20% darker color. If you saturate the color by 10%, you get **16.1109, 16.9072, 2.4143**, and if you desaturate by 10%, it is **16.4680, 17.4978, 2.9146**.

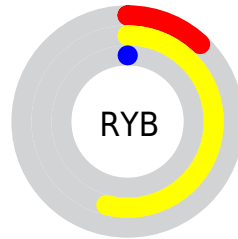
Distribution



Red (54%)

Green (44%)

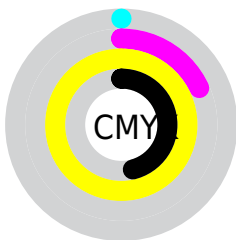
Blue (0%)



Red (12%)

Yellow (54%)

Blue (0%)

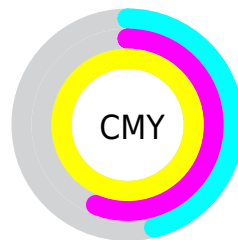


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (46%)



Cyan (46%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1107, 16.9067, 2.4142 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 16.1107, 16.9067, 2.4142 by changing the saturation by 10% instead.

■ 16.1107, 16.9067,
2.4142

■ 16.1107, 16.9067,
2.4142

223.2516,
234.6341, 128.5091

■ 9.6939, 10.1680,
0.7942

■ 36.3462, 38.1653,
10.1451

■ 5.2572, 5.5105,
0.0000

■ 50.8955, 53.4540,
17.1028

■ 2.4352, 2.5498,
0.0000

■ 68.8864, 72.3614,
26.6801

■ 0.8627, 0.9015,
0.0000


■ 90.6842, 95.2720,
39.2955


■ 0.0000, 0.0000,
0.0000


■ 116.6543,
122.5702, 55.3675


■ 147.1620,


154.6404, 75.3148


 182.5726,
191.8669, 99.5558


 16.1107, 16.9067,
2.4142


 16.1107, 16.9067,
2.4142


 16.1109, 16.9072,
2.4143

 16.4680, 17.4978,
2.9146

 16.8807, 18.1227,
3.6701

 17.3754, 18.7928,
4.8192

 17.9613, 19.5120,
6.4097

 18.6461, 20.2834,
8.4826

■ 19.4369, 21.1099,
11.0741

■ 20.3400, 21.9941,
14.2170

■ 21.3610, 22.9385,
17.9415

■ 22.5053, 23.9451,
22.2753

Harmonies

Analogous

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



21.3376, 16.9067, 3.5004



16.1107, 16.9067, 2.4142



11.8068, 16.9067, 3.4614

Triad

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



16.1107, 16.9067, 2.4142



9.1603, 16.9067, 35.4484



25.7357, 16.9067, 35.7668

Complementary

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



16.1107, 16.9067, 2.4142



4.8631, 2.5015, 23.8933

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.



21.2511, 16.9067, 53.5037



16.1107, 16.9067, 2.4142



11.7485, 16.9067, 53.2628

Square

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



16.1107, 16.9067, 2.4142



8.3274, 16.9067, 18.2903



16.0280, 16.9067, 61.1322



27.5445, 16.9067, 18.5272

Rectangle

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



16.1107, 16.9067, 2.4142



9.8621, 16.9067, 5.8432



16.0280, 16.9067, 61.1322



24.4513, 16.9067, 42.1328

Sweetspot

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



16.1111, 16.9075, 2.4145



36.3112, 39.2789, 25.0531



10.4933, 5.3892, 1.4138



8.0084, 8.6788, 5.1397



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.1111, 16.9075, 2.4145



28.7433, 30.0607, 4.2874



13.5227, 20.2508, 3.1963



5.3548, 5.6924, 5.3689



15.0153, 15.7650, 2.2516



0.1091, 0.1234, 0.0181

Inverse Universe

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



4.8631, 2.5015, 23.8933



8.6182, 4.2984, 42.7586



5.5280, 2.3283, 23.8248



4.8437, 5.0304, 6.3215



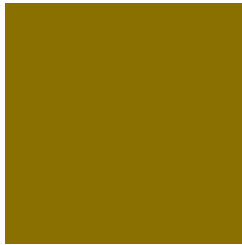
4.5367, 2.3437, 22.2590



0.0380, 0.0314, 0.1505

Previews

White Background



This preview shows how the XYZ color 16.1107, 16.9067, 2.4142 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



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 16.1107, 16.9067, 2.4142

Background



This preview shows how black text looks on a background with the XYZ color 16.1107, 16.9067, 2.4142.



This preview shows how white text looks on a background with the XYZ color 16.1107, 16.9067,

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

16.1107, 16.9067, 2.4142

Protanopia

15.2169, 16.9417, 2.6404

Deuteranopia

17.2061, 16.9812, 2.6874



Tritanopia

19.2026, 16.9101, 17.5811

Trichromacy



Original Color

16.1107, 16.9067, 2.4142

Protanomaly

15.5549, 16.9489, 2.5665

Deuteranomaly

16.7696, 16.9180, 2.5827

Tritanomaly

17.3795, 16.6330, 8.2557

Monochromacy



Original Color

16.1107, 16.9067, 2.4142

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.9832, 15.2062, 7.6669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1107, 16.9067, 2.4142 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(137, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(137, 112, 0)  
}
```

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(137, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 112, 0) }
```

Border

The CSS property to change the border of an element to XYZ 16.1107, 16.9067, 2.4142 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(137, 112, 0) }
```


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

```
.border{ border-color:rgb(137, 112, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 112, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(137, 112,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1107, 16.9067, 2.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 112, 0) }
```

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

```
.background{ background-color: rgb(137,  
112, 0) }
```

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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