

Converting Colors

$Y_{xy}(16.6052, 0.4632, 0.4581)$

Have a look what the booklet for
Yxy(16.6052, 0.4632, 0.4581)
contains.

Yxy(16.6052, 0.4632, 0.4581)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(16.6052, 0.4632, 0.4581)

Conversions

Conversions Part 1

Format	Color
Hex	8F6C11
RGB	143, 108, 17
RGB Percent	56%, 42%, 7%
CMY	0.4393, 0.5764, 0.9331
CMYK	0.00, 0.24, 0.88, 0.44
HSL	43°, 79%, 31%
HSV	43°, 88%, 56%
XYZ	16.7901, 16.6052, 2.8527
YIQ	108.0910, 50.0710, -20.8810

Conversions

Conversions Part 2

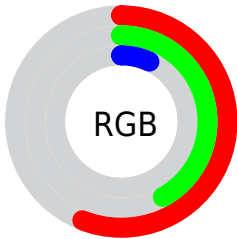
Format	Color
RYB	65, 143, 17
Decimal	9399313
CIELab	47.76, 5.73, 50.53
CIElCh	48, 50.851, 83.534
Yxy	16.6052, 0.4632, 0.4581
Android (android.graphics.Color)	4287589393 (0xFF8F6C11)
YUV	108.0910, -44.9079, 30.6152
Hunter-Lab	40.7495, 2.2360, 24.3740

Details

The Yxy color **16.6052, 0.4632, 0.4581** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.5617, 0.1711, 0.1216**, and the grayscale version is **15.1431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.6687, 0.4347, 0.4353**, and **5.4122, 0.4804, 0.4567** is the 20% darker color. If you saturate the color by 10%, you get **15.7526, 0.4749, 0.4592**, and if you desaturate by 10%, it is **17.5232, 0.4490, 0.4530**.

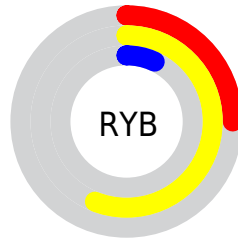
Distribution



Red (56%)

Green (42%)

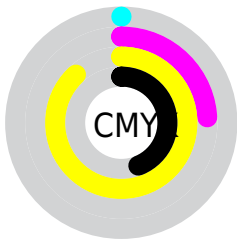
Blue (7%)



Red (25%)

Yellow (56%)

Blue (7%)

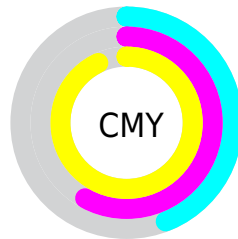


Cyan (0%)

Magenta (24%)

Yellow (88%)

Black (44%)



Cyan (44%)


Magenta (58%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.6052, 0.4632, 0.4581 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 Yxy color 16.6052, 0.4632, 0.4581 by changing the saturation by 10% instead.


 16.6052, 0.4632,
0.4581


 16.6052, 0.4632,
0.4581


232.8869, 0.3821,
0.3917


 9.9534, 0.4812,
0.4706


 37.6457, 0.4341,
0.4356


 5.3681, 0.5097,
0.4903

 52.8032, 0.4228,
0.4264

 2.4648, 0.5162,
0.4838

 71.5648, 0.4132,
0.4185

 0.8589, 0.5282,
0.4718


 94.3148, 0.4051,
0.4116


 0.0000, 0.0000,
0.0000


 121.4376, 0.3981,
0.4056


 153.3176, 0.3920,


0.4004


 190.3392, 0.3867,
0.3958

 16.6052, 0.4632,
0.4581

 16.6052, 0.4632,
0.4581

 15.7526, 0.4749,
0.4592


 17.5232, 0.4490,
0.4530

 15.5928, 0.4772,
0.4593

 18.5126, 0.4325,
0.4436

 19.5787, 0.4144,
0.4305

 20.7252, 0.3955,
0.4147

 21.9557, 0.3766,
0.3973

■ 23.2733, 0.3583,
0.3791

■ 24.6810, 0.3409,
0.3608

■ 26.1816, 0.3248,
0.3429

■ 27.7776, 0.3100,
0.3258

Harmonies

Analogous

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



16.6052, 0.5059, 0.3892



16.6052, 0.4632, 0.4581



16.6052, 0.3846, 0.5094

Triad

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



16.6052, 0.4632, 0.4581



16.6052, 0.1622, 0.2981



16.6052, 0.3068, 0.2129

Complementary

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



16.6052, 0.4632, 0.4581



4.5617, 0.1711, 0.1216

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.



16.6052, 0.2212, 0.1879



16.6052, 0.4632, 0.4581



16.6052, 0.1495, 0.2231

Square

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



16.6052, 0.4632, 0.4581



16.6052, 0.2114, 0.4092



16.6052, 0.1690, 0.1895



16.6052, 0.4101, 0.2601

Rectangle

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



16.6052, 0.4632, 0.4581



16.6052, 0.3236, 0.5125



16.6052, 0.1690, 0.1895



16.6052, 0.2749, 0.2018

Sweetspot

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



16.6060, 0.4632, 0.4581



42.0605, 0.3556, 0.3763



6.4958, 0.5380, 0.2873



9.4728, 0.3611, 0.3820



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



16.6060, 0.4632, 0.4581



27.6314, 0.4787, 0.4581



23.3741, 0.3830, 0.5240



6.0356, 0.3265, 0.3448



13.8261, 0.4769, 0.4596



0.1693, 0.4456, 0.4844

Inverse Universe

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



4.5617, 0.1711, 0.1216



5.9813, 0.1596, 0.0946



2.9286, 0.1757, 0.0828



5.4837, 0.2990, 0.3127



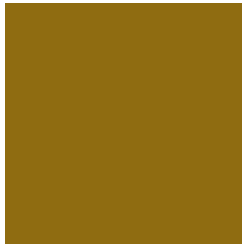
3.1104, 0.1608, 0.0988



0.0629, 0.1824, 0.1765

Previews

White Background



This preview shows how the Yxy color 16.6052, 0.4632, 0.4581 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 Yxy color 16.6052, 0.4632, 0.4581 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](#).

Yxy 16.6052, 0.4632, 0.4581

Background



This preview shows how black text looks on a background with the Yxy color 16.6052, 0.4632, 0.4581.



This preview shows how white text looks on a background with the Yxy color 16.6052, 0.4632, 0.4581.

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

16.6052, 0.4632, 0.4581

Protanopia

16.6708, 0.4327, 0.4797

Deuteranopia

16.6052, 0.4632, 0.4581



Tritanopia

16.6860, 0.3719, 0.3170

Trichromacy



Original Color

16.6052, 0.4632, 0.4581

Protanomaly

16.6186, 0.4431, 0.4727

Deuteranomaly

16.6052, 0.4632, 0.4581

Tritanomaly

16.5196, 0.4156, 0.3799

Monochromacy



Original Color

16.6052, 0.4632, 0.4581

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

15.2981, 0.3755, 0.3957

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.6052, 0.4632, 0.4581 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, 108, 17)` looks like.

```
.text, #text, p{  
    color:rgb(143, 108, 17)  
}
```

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, 108, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 108, 17) }
```

Border

The CSS property to change the border of an element to Yxy 16.6052, 0.4632, 0.4581 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, 108, 17) }
```

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

```
.border{ border-color:rgb(143, 108, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 108, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 108, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 108, 17);  
box-shadow:4px 4px 4px 4px rgb(143, 108,  
17) }
```


Background

The CSS property to change the background color of an element to Yxy 16.6052, 0.4632, 0.4581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 108, 17) }
```

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

```
.background{ background-color: rgb(143,  
108, 17) }
```

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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