

Converting Colors

$Y_{xy}(14.1414, 0.4626, 0.4565)$

Have a look what the booklet for
Yxy(14.1414, 0.4626, 0.4565)
contains.

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Color

$\text{Yxy}(14.1414, 0.4626, 0.4565)$

Conversions

Conversions Part 1

Format	Color
Hex	856411
RGB	133, 100, 17
RGB Percent	52%, 39%, 7%
CMY	0.4785, 0.6078, 0.9332
CMYK	0.00, 0.25, 0.87, 0.48
HSL	43°, 77%, 29%
HSV	43°, 87%, 52%
XYZ	14.3304, 14.1414, 2.5061
YIQ	100.4050, 46.3110, -18.8170

Conversions

Conversions Part 2

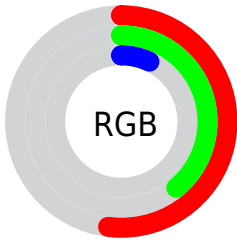
Format	Color
RYB	63, 133, 17
Decimal	8741905
CIELab	44.44, 5.62, 47.31
CIELCh	44, 47.640, 83.221
Yxy	14.1414, 0.4626, 0.4565
Android (android.graphics.Color)	4286931985 (0xFF856411)
YUV	100.4050, -41.1187, 28.5858
Hunter-Lab	37.6051, 2.2131, 22.3723

Details

The Yxy color **14.1414, 0.4626, 0.4565** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.0960, 0.1731, 0.1265**, and the grayscale version is **12.9529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5100, 0.4322, 0.4339**, and **4.3006, 0.4816, 0.4558** is the 20% darker color. If you saturate the color by 10%, you get **13.4007, 0.4749, 0.4580**, and if you desaturate by 10%, it is **14.9397, 0.4479, 0.4509**.

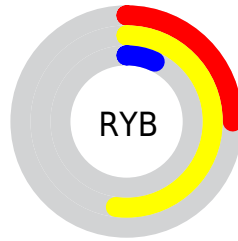
Distribution



Red (52%)

Green (39%)

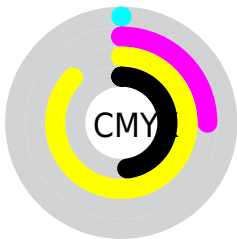
Blue (7%)



Red (25%)

Yellow (52%)

Blue (7%)

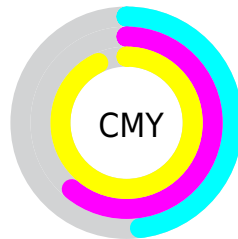


Cyan (0%)

Magenta (25%)

Yellow (87%)

Black (48%)



Cyan (48%)


Magenta (61%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1414, 0.4626, 0.4565 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 14.1414, 0.4626, 0.4565 by changing the saturation by 10% instead.


 14.1414, 0.4626,
0.4565


 14.1414, 0.4626,
0.4565


218.1087, 0.3795,
0.3890


 8.2191, 0.4820,
0.4698


 33.3397, 0.4320,
0.4331


 4.2355, 0.5111,
0.4889

 47.3845, 0.4204,
0.4237


 1.8061, 0.5188,
0.4812

 64.9055, 0.4106,
0.4156

 0.4910, 0.5516,
0.4484

 86.2873, 0.4024,
0.4087


 0.0000, 0.0000,
0.0000


 111.9140, 0.3954,
0.4027

 142.1703, 0.3893,

0.3976


 177.4404, 0.3841,
0.3930

 14.1414, 0.4626,
0.4565

 14.1414, 0.4626,
0.4565

 13.4007, 0.4749,
0.4580

 14.9397, 0.4479,
0.4509

 13.1990, 0.4784,
0.4583

 15.8002, 0.4309,
0.4411

 16.7274, 0.4126,
0.4278

 17.7242, 0.3936,
0.4120

 18.7938, 0.3747,
0.3947

■ 19.9387, 0.3565,
0.3767

■ 21.1614, 0.3393,
0.3587

■ 22.4643, 0.3233,
0.3411

■ 23.8495, 0.3087,
0.3244

Harmonies

Analogous

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



14.1414, 0.5041, 0.3883



14.1414, 0.4626, 0.4565



14.1414, 0.3851, 0.5072

Triad

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



14.1414, 0.4626, 0.4565



14.1414, 0.1640, 0.2996



14.1414, 0.3059, 0.2136

Complementary

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



14.1414, 0.4626, 0.4565



4.0960, 0.1731, 0.1265

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.



14.1414, 0.2214, 0.1890



14.1414, 0.4626, 0.4565



14.1414, 0.1509, 0.2248

Square

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



14.1414, 0.4626, 0.4565



14.1414, 0.2133, 0.4094



14.1414, 0.1700, 0.1909



14.1414, 0.4080, 0.2602

Rectangle

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



14.1414, 0.4626, 0.4565



14.1414, 0.3248, 0.5104



14.1414, 0.1700, 0.1909



14.1414, 0.2744, 0.2027

Sweetspot

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



14.1421, 0.4626, 0.4565



35.8384, 0.3554, 0.3756



5.6343, 0.5274, 0.2833



7.9360, 0.3606, 0.3809



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



14.1421, 0.4626, 0.4565



23.3640, 0.4800, 0.4570



20.1151, 0.3855, 0.5206



5.2051, 0.3263, 0.3445



12.5884, 0.4783, 0.4584



0.0561, 0.4463, 0.4838

Inverse Universe

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



4.0960, 0.1731, 0.1265



5.2566, 0.1603, 0.0969



2.5511, 0.1757, 0.0843



4.7445, 0.2992, 0.3130



2.9358, 0.1614, 0.1009



0.0213, 0.1830, 0.1787

Previews

White Background



This preview shows how the Yxy color 14.1414, 0.4626, 0.4565 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 14.1414, 0.4626, 0.4565 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 14.1414, 0.4626, 0.4565

Background



This preview shows how black text looks on a background with the Yxy color 14.1414, 0.4626, 0.4565.



This preview shows how white text looks on a background with the Yxy color 14.1414, 0.4626, 0.4565.

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

14.1414, 0.4626, 0.4565

Protanopia

14.2770, 0.4315, 0.4783

Deuteranopia

14.1414, 0.4626, 0.4565



Tritanopia

14.1521, 0.3730, 0.3162

Trichromacy



Original Color

14.1414, 0.4626, 0.4565

Protanomaly

14.2294, 0.4425, 0.4709

Deuteranomaly

14.1414, 0.4626, 0.4565

Tritanomaly

14.0422, 0.4154, 0.3777

Monochromacy



Original Color

14.1414, 0.4626, 0.4565

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

13.0013, 0.3741, 0.3940

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1414, 0.4626, 0.4565 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(133, 100, 17)` looks like.

```
.text, #text, p{  
    color:rgb(133, 100, 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(133, 100, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 100, 17) }
```

Border

The CSS property to change the border of an element to Yxy 14.1414, 0.4626, 0.4565 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(133, 100, 17) }
```

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

```
.border{ border-color:rgb(133, 100, 17) }
```

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

Here you see how a box with a 4 pixel rgb(133, 100, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 100, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 100, 17);  
box-shadow:4px 4px 4px 4px rgb(133, 100,  
17) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1414, 0.4626, 0.4565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 100, 17) }
```

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

```
.background{ background-color: rgb(133,  
100, 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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