

Converting Colors

$Y_{xy}(17.0739, 0.4786, 0.5214)$

Have a look what the booklet for
Yxy(17.0739, 0.4786, 0.5214)
contains.

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Color

Yxy(17.2689, 0.4502, 0.4808)

Conversions

Conversions Part 1

Format	Color
Hex	887200
RGB	136, 114, 0
RGB Percent	53%, 45%, 0%
CMY	0.4667, 0.5529, 1.0000
CMYK	0.00, 0.16, 1.00, 0.47
HSL	50°, 100%, 27%
HSV	50°, 100%, 53%
XYZ	16.1698, 17.2689, 2.4783
YIQ	107.5820, 49.7060, -30.7900

Conversions

Conversions Part 2

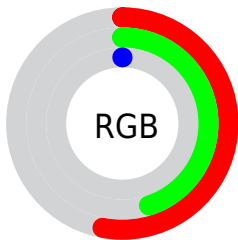
Format	Color
RYB	26, 136, 0
Decimal	8942080
CIELab	48.60, -1.39, 54.69
CIELCh	49, 54.712, 91.451
Yxy	17.2689, 0.4502, 0.4808
Android (android.graphics.Color)	4287132160 (0xFF887200)
YUV	107.5820, -53.0379, 24.9226
Hunter-Lab	41.5559, -3.2665, 25.5532

Details

The Yxy color **17.2689, 0.4502, 0.4808** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.3509, 0.1547, 0.0769**, and the grayscale version is **15.0144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6066, 0.4266, 0.4532**, and **5.8081, 0.4525, 0.4789** is the 20% darker color. If you saturate the color by 10%, you get **17.2699, 0.4502, 0.4808**, and if you desaturate by 10%, it is **17.8027, 0.4427, 0.4777**.

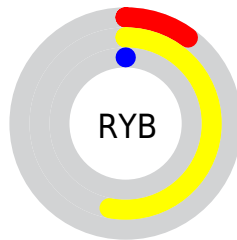
Distribution



Red (53%)

Green (45%)

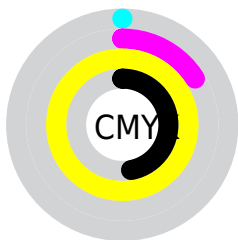
Blue (0%)



Red (10%)

Yellow (53%)

Blue (0%)

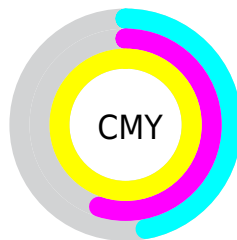


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (47%)



Cyan (47%)


Magenta (55%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.2689, 0.4502, 0.4808 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 17.2689, 0.4502, 0.4808 by changing the saturation by 10% instead.


 17.2689, 0.4502,
0.4808


 17.2689, 0.4502,
0.4808


236.7172, 0.3792,
0.4014


 10.4264, 0.4638,
0.4967


 38.7875, 0.4261,
0.4534


 5.6826, 0.4819,
0.5181

 54.2324, 0.4162,
0.4424

 2.6530, 0.4803,
0.5197

 73.3136, 0.4077,
0.4329

 0.9534, 0.4775,
0.5225


 96.4155, 0.4003,
0.4248


 0.0000, 0.0000,
0.0000


 123.9223, 0.3939,
0.4177


 156.2187, 0.3884,

0.4116

 193.6888, 0.3835,
0.4062


 17.2689, 0.4502,
0.4808


 17.2689, 0.4502,
0.4808


 17.2699, 0.4502,
0.4808

 17.8027, 0.4427,
0.4777

 18.3662, 0.4334,
0.4715

 18.9711, 0.4215,
0.4612

 19.6209, 0.4075,
0.4470

 20.3187, 0.3921,
0.4299

■ 21.0675, 0.3758,
0.4107

■ 21.8696, 0.3593,
0.3903

■ 22.7274, 0.3430,
0.3695

■ 23.6430, 0.3274,
0.3489

Harmonies

Analogous

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



17.2689, 0.5090, 0.4091



17.2689, 0.4502, 0.4808



17.2689, 0.3615, 0.5262

Triad

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



17.2689, 0.4502, 0.4808



17.2689, 0.1479, 0.2697



17.2689, 0.3344, 0.2182

Complementary

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



17.2689, 0.4502, 0.4808



2.3509, 0.1547, 0.0769

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.



17.2689, 0.2365, 0.1857



17.2689, 0.4502, 0.4808



17.2689, 0.1443, 0.2040

Square

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



17.2689, 0.4502, 0.4808



17.2689, 0.1880, 0.3812



17.2689, 0.1731, 0.1794



17.2689, 0.4428, 0.2720

Rectangle

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



17.2689, 0.4502, 0.4808



17.2689, 0.2970, 0.5155



17.2689, 0.1731, 0.1794



17.2689, 0.2987, 0.2047

Sweetspot

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



17.2699, 0.4502, 0.4808



38.4482, 0.3603, 0.3916



5.2944, 0.6108, 0.3138



8.7820, 0.3664, 0.3992



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



17.2699, 0.4502, 0.4808



30.2475, 0.4509, 0.4802



19.8143, 0.3631, 0.5499



5.7096, 0.3261, 0.3472



16.3577, 0.4501, 0.4808



0.1257, 0.4333, 0.4941

Inverse Universe

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



2.3509, 0.1547, 0.0769



3.9846, 0.1540, 0.0743



2.3429, 0.1768, 0.0748



5.0145, 0.2991, 0.3101



2.2351, 0.1548, 0.0772



0.0291, 0.1707, 0.1346

Previews

White Background



This preview shows how the Yxy color 17.2689, 0.4502, 0.4808 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 17.2689, 0.4502, 0.4808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

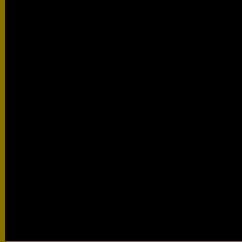
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.2689, 0.4502, 0.4808

Background



This preview shows how black text looks on a background with the Yxy color 17.2689, 0.4502, 0.4808.



This preview shows how white text looks on a background with the Yxy color 17.2689, 0.4502, 0.4808.

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

17.2689, 0.4502, 0.4808

Protanopia

17.3270, 0.4388, 0.4864

Deuteranopia

17.2894, 0.4660, 0.4605



Tritanopia

17.2738, 0.3527, 0.3149

Trichromacy



Original Color

17.2689, 0.4502, 0.4808

Protanomaly

17.2546, 0.4437, 0.4839

Deuteranomaly

17.1372, 0.4604, 0.4674

Tritanomaly

16.9938, 0.4053, 0.3939

Monochromacy



Original Color

17.2689, 0.4502, 0.4808

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

15.4331, 0.3774, 0.4124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2689, 0.4502, 0.4808 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(136, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(136, 114, 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(136, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 114, 0) }
```

Border

The CSS property to change the border of an element to Yxy 17.2689, 0.4502, 0.4808 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(136, 114, 0) }
```

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

```
.border{ border-color:rgb(136, 114, 0) }
```

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

Here you see how a box with a 4 pixel rgb(136, 114, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(136, 114,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2689, 0.4502, 0.4808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 114, 0) }
```

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

```
.background{ background-color: rgb(136,  
114, 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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