

Converting Colors

Yxy(64.4293, 0.4460, 0.4807)

Have a look what the booklet for
Yxy(64.4293, 0.4460, 0.4807)
contains.

Yxy(64.2069, 0.4462, 0.4806)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.2069, 0.4462, 0.4806)

Conversions

Conversions Part 1

Format	Color
Hex	F3D011
RGB	243, 208, 17
RGB Percent	95%, 82%, 7%
CMY	0.0472, 0.1842, 0.9335
CMYK	0.00, 0.14, 0.93, 0.05
HSL	51°, 90%, 51%
HSV	51°, 93%, 95%
XYZ	59.6112, 64.2069, 9.7793
YIQ	196.6910, 82.1710, -51.9810

Conversions

Conversions Part 2

Format	Color
RYB	58, 243, 17
Decimal	15978513
CIELab	84.07, -3.36, 82.97
CIELCh	84, 83.042, 92.320
Yxy	64.2069, 0.4462, 0.4806
Android (android.graphics.Color)	4294168593 (0xFFFF3D011)
YUV	196.6910, -88.5877, 40.6130
Hunter-Lab	80.1292, -7.4332, 48.8544

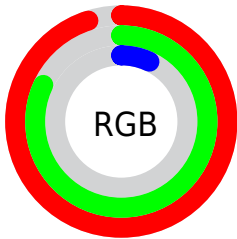
Details

The Yxy color **64.2069, 0.4462, 0.4806** is a light color, and the websafe version is hex **FFCC00**.

The color can be described as light washed yellow. A complement of this color would be **9.0362, 0.1570, 0.0805**, and the grayscale version is **56.1438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5527, 0.4017, 0.4761**, and **33.0563, 0.4493, 0.4815** is the 20% darker color. If you saturate the color by 10%, you get **62.9010, 0.4501, 0.4808**, and if you desaturate by 10%, it is **66.1858, 0.4386, 0.4771**.

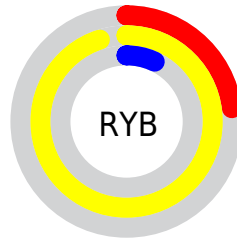
Distribution



Red (95%)

Green (82%)

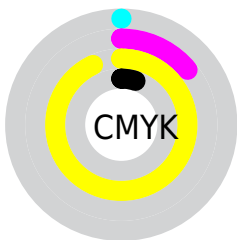
Blue (7%)



Red (23%)

Yellow (95%)

Blue (7%)

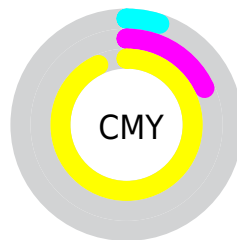


Cyan (0%)

Magenta (14%)

Yellow (93%)

Black (5%)



Cyan (5%)


Magenta (18%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2069, 0.4462, 0.4806 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 64.2069, 0.4462, 0.4806 by changing the saturation by 10% instead.


 64.2069, 0.4462,
0.4806


 64.2069, 0.4462,
0.4806

439.9364, 0.3924,
0.4180


 46.8183, 0.4548,
0.4912


 110.9089, 0.4303,
0.4616

 32.8920, 0.4633,
0.5020


 140.9910, 0.4232,
0.4534

 22.0437, 0.4709,
0.5124


 176.0730, 0.4168,
0.4459

 13.8890, 0.4775,
0.5225

 216.5394, 0.4109,
0.4392

 8.0435, 0.4755,
0.5245

 262.7746, 0.4056,
0.4331

 4.1228, 0.4726,
0.5274

 315.1629, 0.4008,

 1.7425, 0.4676,

0.4276

0.5324

374.0887, 0.3964,
0.4226

■ 0.4509, 0.4346,
0.5654

■ 0.0000, 0.0000,
0.0000

■ 64.2069, 0.4462,
0.4806

■ 64.2069, 0.4462,
0.4806

■ 62.9010, 0.4501,
0.4808


■ 66.1858, 0.4386,
0.4771

■ 68.3100, 0.4281,
0.4690

■ 70.5994, 0.4150,
0.4564

■ 73.0683, 0.3999,
0.4401

 75.7287, 0.3835,
0.4209

 78.5915, 0.3664,
0.4000

 81.6667, 0.3494,
0.3782

 84.9634, 0.3329,
0.3564

 88.4900, 0.3172,
0.3352

Harmonies

Analogous

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



64.2069, 0.5048, 0.4107



64.2069, 0.4462, 0.4806



64.2069, 0.3586, 0.5226

Triad

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



64.2069, 0.4462, 0.4806



64.2069, 0.1499, 0.2687



64.2069, 0.3373, 0.2213

Complementary

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



64.2069, 0.4462, 0.4806



9.0362, 0.1570, 0.0805

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.



64.2069, 0.2403, 0.1885



64.2069, 0.4462, 0.4806



64.2069, 0.1472, 0.2051

Square

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



64.2069, 0.4462, 0.4806



64.2069, 0.1886, 0.3767



64.2069, 0.1766, 0.1815



64.2069, 0.4429, 0.2749

Rectangle

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



64.2069, 0.4462, 0.4806



64.2069, 0.2951, 0.5098



64.2069, 0.1766, 0.1815



64.2069, 0.3021, 0.2077

Sweetspot

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



64.2100, 0.4462, 0.4806



89.3802, 0.3579, 0.3893



19.7212, 0.6011, 0.3134



18.8182, 0.3653, 0.3986



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



64.2100, 0.4462, 0.4806



70.1492, 0.4502, 0.4808



72.4077, 0.3636, 0.5461



18.8514, 0.3272, 0.3488



34.6947, 0.4495, 0.4813



3.1646, 0.4451, 0.4848

Inverse Universe

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



9.0362, 0.1570, 0.0805



8.6998, 0.1530, 0.0709



9.1596, 0.1804, 0.0794



16.3404, 0.2979, 0.3084



4.4199, 0.1536, 0.0729



0.5090, 0.1589, 0.0921

Previews

White Background



This preview shows how the Yxy color 64.2069, 0.4462, 0.4806 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 64.2069, 0.4462, 0.4806 looks on a black 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 ✓ Pass

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

Yxy 64.2069, 0.4462, 0.4806

Background



This preview shows how black text looks on a background with the Yxy color 64.2069, 0.4462, 0.4806.



This preview shows how white text looks on a background with the Yxy color 64.2069, 0.4462, 0.4806.

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

64.2069, 0.4462, 0.4806

Protanopia

64.1414, 0.4396, 0.4855

Deuteranopia

64.0126, 0.4294, 0.4257



Tritanopia

63.7648, 0.3508, 0.3136

Trichromacy



Original Color

64.2069, 0.4462, 0.4806

Protanomaly

63.9953, 0.4421, 0.4836

Deuteranomaly

64.1628, 0.4407, 0.4521

Tritanomaly

62.5762, 0.4018, 0.3912

Monochromacy



Original Color

64.2069, 0.4462, 0.4806

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.7354, 0.3751, 0.4103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2069, 0.4462, 0.4806 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(243, 208, 17)` looks like.

```
.text, #text, p{  
    color:rgb(243, 208, 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(243, 208, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 208, 17) }
```

Border

The CSS property to change the border of an element to Yxy 64.2069, 0.4462, 0.4806 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(243, 208, 17) }
```

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

```
.border{ border-color:rgb(243, 208, 17) }
```

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

Here you see how a box with a 4 pixel rgb(243, 208, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 208, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 208, 17);  
box-shadow:4px 4px 4px 4px rgb(243, 208,  
17) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2069, 0.4462, 0.4806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 208, 17) }
```

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

```
.background{ background-color: rgb(243,  
208, 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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