

Converting Colors

Yxy(64.0658, 0.4034, 0.4236)

Have a look what the booklet for
Yxy(64.0658, 0.4034, 0.4236)
contains.

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Color

Yxy(64.2844, 0.4031, 0.4235)

Conversions

Conversions Part 1

Format	Color
Hex	EFCF76
RGB	239, 207, 118
RGB Percent	94%, 81%, 46%
CMY	0.0626, 0.1883, 0.5373
CMYK	0.00, 0.13, 0.51, 0.06
HSL	44°, 79%, 70%
HSV	44°, 51%, 94%
XYZ	61.1878, 64.2844, 26.3209
YIQ	206.4220, 47.6410, -20.8950

Conversions

Conversions Part 2

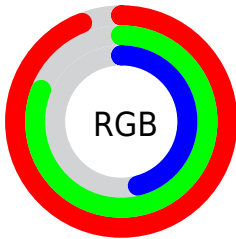
Format	Color
R_{YB}	162, 239, 118
Decimal	15716214
CIE _{Lab}	84.11, 0.21, 48.02
CIE _{LCh}	84, 48.022, 89.755
Yxy	64.2844, 0.4031, 0.4235
Android (android.graphics.Color)	4293906294 (0xFFEFCF76)
YUV	206.4220, -43.5920, 28.5709
Hunter-Lab	80.1776, -4.0877, 36.6604

Details

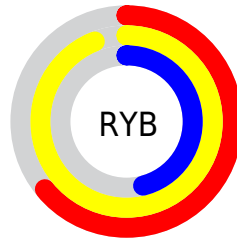
The Yxy color **64.2844, 0.4031, 0.4235** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **31.9097, 0.2236, 0.2100**, and the grayscale version is **62.2718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7586, 0.3620, 0.4105**, and **33.0115, 0.4223, 0.4431** is the 20% darker color. If you saturate the color by 10%, you get **60.7846, 0.4220, 0.4389**, and if you desaturate by 10%, it is **68.0572, 0.3837, 0.4058**.

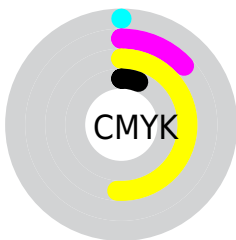
Distribution



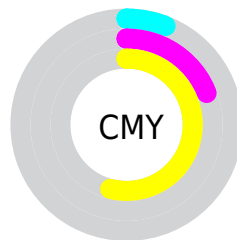
- Red (94%)
- Green (81%)
- Blue (46%)



- Red (64%)
- Yellow (94%)
- Blue (46%)



- Cyan (0%)
- Magenta (13%)
- Yellow (51%)
- Black (6%)





- Cyan (6%)
- Magenta (19%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2844, 0.4031, 0.4235 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 64.2844, 0.4031, 0.4235 by changing the saturation by 10% instead.


 64.2844, 0.4031,
0.4235


 64.2844, 0.4031,
0.4235


440.2159, 0.3619,
0.3805


 46.8811, 0.4119,
0.4327


 111.0204, 0.3892,
0.4090

 32.9416, 0.4224,
0.4436


 141.1219, 0.3837,
0.4032

 22.0817, 0.4347,
0.4564


 176.2248, 0.3788,
0.3982

 13.9170, 0.4492,
0.4715

216.7137, 0.3746,
0.3938

 8.0629, 0.4657,
0.4886

262.9728, 0.3709,
0.3899

 4.1352, 0.4882,
0.5118

315.3867, 0.3676,

 1.7495, 0.4885,

0.3864

0.5115

374.3396, 0.3646,
0.3833

0.4554, 0.4902,
0.5098

0.0000, 0.0000,
0.0000

64.2844, 0.4031,
0.4235

64.2844, 0.4031,
0.4235

60.7846, 0.4220,
0.4389

68.0572, 0.3837,
0.4058

57.5360, 0.4396,
0.4509


72.1051, 0.3647,
0.3868


54.5276, 0.4549,
0.4586


76.4416, 0.3464,
0.3675

51.7428, 0.4673,
0.4613

81.0764, 0.3294,
0.3484

 49.3130, 0.4764,
0.4599

 86.0187, 0.3137,
0.3301

 90.8568, 0.3031,
0.3191

 94.7503, 0.3030,
0.3253

 97.0967, 0.3030,
0.3290

Harmonies

Analogous

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



64.2844, 0.4311, 0.3851



64.2844, 0.4031, 0.4235



64.2844, 0.3521, 0.4392

Triad

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



64.2844, 0.4031, 0.4235



64.2844, 0.2120, 0.3025



64.2844, 0.3238, 0.2587

Complementary

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



64.2844, 0.4031, 0.4235



31.9097, 0.2236, 0.2100

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.



64.2844, 0.2659, 0.2381



64.2844, 0.4031, 0.4235



64.2844, 0.2062, 0.2579

Square

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



64.2844, 0.4031, 0.4235



64.2844, 0.2424, 0.3634



64.2844, 0.2247, 0.2368



64.2844, 0.3840, 0.2944

Rectangle

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



64.2844, 0.4031, 0.4235



64.2844, 0.3127, 0.4293



64.2844, 0.2247, 0.2368



64.2844, 0.3033, 0.2499

Sweetspot

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



64.2874, 0.4031, 0.4235



91.4858, 0.3367, 0.3568



33.5236, 0.4174, 0.2939



19.3395, 0.3404, 0.3608



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.



64.2874, 0.4031, 0.4235



70.1737, 0.4230, 0.4397



76.8791, 0.3659, 0.4615



17.7097, 0.3275, 0.3463



27.4687, 0.4753, 0.4608



2.4468, 0.4663, 0.4680

Inverse Universe

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



31.9097, 0.2236, 0.2100



28.8376, 0.2045, 0.1802



25.3230, 0.2357, 0.1758



15.9092, 0.2980, 0.3111



5.6073, 0.1589, 0.0919



0.6239, 0.1658, 0.1169

Previews

White Background



This preview shows how the Yxy color 64.2844, 0.4031, 0.4235 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 64.2844, 0.4031, 0.4235 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 64.2844, 0.4031, 0.4235

Background



This preview shows how black text looks on a background with the Yxy color 64.2844, 0.4031, 0.4235.



This preview shows how white text looks on a background with the Yxy color 64.2844, 0.4031, 0.4235.

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

64.2844, 0.4031, 0.4235

Protanopia

64.2481, 0.3934, 0.4283

Deuteranopia

63.9737, 0.4174, 0.4083



Tritanopia

64.1395, 0.3431, 0.3134

Trichromacy



Original Color

64.2844, 0.4031, 0.4235

Protanomaly

64.2565, 0.3964, 0.4264

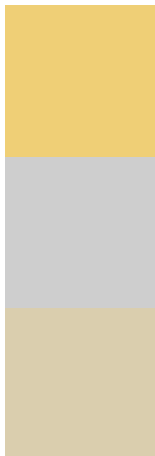
Deuteranomaly

64.2321, 0.4115, 0.4138

Tritanomaly

63.8954, 0.3669, 0.3538

Monochromacy



Original Color

64.2844, 0.4031, 0.4235

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.1040, 0.3455, 0.3660

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2844, 0.4031, 0.4235 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(239, 207, 118)` looks like.

```
.text, #text, p{  
    color:rgb(239, 207, 118)  
}
```

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(239, 207, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 207, 118) }
```

Border

The CSS property to change the border of an element to Yxy 64.2844, 0.4031, 0.4235 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(239, 207, 118) }
```

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

```
.border{ border-color:rgb(239, 207, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 207, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 207, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 207, 118);  
box-shadow:4px 4px 4px 4px rgb(239, 207,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2844, 0.4031, 0.4235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 207, 118) }
```

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

```
.background{ background-color: rgb(239,  
207, 118) }
```

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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