

Converting Colors

$Yxy(66.3548, 0.4021, 0.4387)$

Have a look what the booklet for
Yxy(66.3548, 0.4021, 0.4387)
contains.

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Color

Yxy(66.3548, 0.4021, 0.4387)

Conversions

Conversions Part 1

Format	Color
Hex	EBD56D
RGB	235, 213, 109
RGB Percent	92%, 84%, 43%
CMY	0.0784, 0.1647, 0.5724
CMYK	0.00, 0.09, 0.54, 0.08
HSL	50°, 76%, 67%
HSV	50°, 54%, 92%
XYZ	60.8189, 66.3548, 24.0795
YIQ	207.7220, 46.4960, -27.6800

Conversions

Conversions Part 2

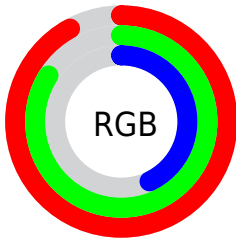
Format	Color
R _{YB}	136, 235, 109
Decimal	15455597
CIE Lab	85.18, -5.25, 53.50
CIE LCh	85, 53.754, 95.602
Yxy	66.3548, 0.4021, 0.4387
Android (android.graphics.Color)	4293645677 (0xFFEBD56D)
YUV	207.7220, -48.6699, 23.9228
Hunter-Lab	81.4585, -9.2797, 39.4945

Details

The Yxy color **66.3548, 0.4021, 0.4387** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.4958, 0.2150, 0.1862**, and the grayscale version is **63.1900, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4243, 0.3672, 0.4191**, and **34.4388, 0.4193, 0.4618** is the 20% darker color. If you saturate the color by 10%, you get **63.8782, 0.4177, 0.4546**, and if you desaturate by 10%, it is **69.0252, 0.3852, 0.4200**.

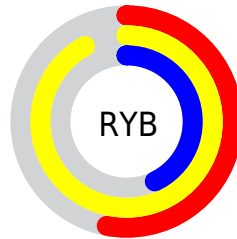
Distribution



Red (92%)

Green (84%)

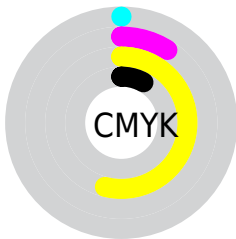
Blue (43%)



Red (53%)

Yellow (92%)

Blue (43%)

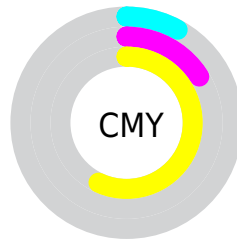


Cyan (0%)

Magenta (9%)

Yellow (54%)

Black (8%)



Cyan (8%)

Magenta (16%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3548, 0.4021, 0.4387 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 66.3548, 0.4021, 0.4387 by changing the saturation by 10% instead.


 66.3548, 0.4021,
0.4387


 66.3548, 0.4021,
0.4387


447.6447, 0.3625,
0.3887


 48.5605, 0.4102,
0.4493

 113.9954, 0.3890,
0.4219

 34.2710, 0.4195,
0.4619


 144.6105, 0.3837,
0.4151

 23.1018, 0.4302,
0.4767


 180.2680, 0.3790,
0.4093

 14.6687, 0.4419,
0.4938

 221.3522, 0.3749,
0.4042

 8.5872, 0.4552,
0.5148

268.2476, 0.3713,
0.3996

 4.4729, 0.4649,
0.5351

321.3385, 0.3680,

 1.9415, 0.4575,

0.3956

0.5425

381.0094, 0.3651,
0.3920

■ 0.5731, 0.4209,
0.5791

■ 0.0000, 0.0000,
0.0000

■ 66.3548, 0.4021,
0.4387

■ 66.3548, 0.4021,
0.4387

■ 63.8782, 0.4177,
0.4546

■ 69.0252, 0.3852,
0.4200

■ 61.5746, 0.4314,
0.4667


■ 71.8903, 0.3678,
0.3996


■ 59.4340, 0.4424,
0.4743

■ 74.9625, 0.3505,
0.3783


■ 57.4405, 0.4506,
0.4773


■ 78.2502, 0.3339,
0.3570

 56.2270, 0.4545,
0.4773

 81.7616, 0.3181,
0.3362

 85.5042, 0.3035,
0.3165

 88.2325, 0.3006,
0.3158

 90.7003, 0.3006,
0.3199

 93.2234, 0.3006,
0.3240

Harmonies

Analogous

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



66.3548, 0.4398, 0.3986



66.3548, 0.4021, 0.4387



66.3548, 0.3427, 0.4507

Triad

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



66.3548, 0.4021, 0.4387



66.3548, 0.1990, 0.2875



66.3548, 0.3381, 0.2586

Complementary

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



66.3548, 0.4021, 0.4387



25.4958, 0.2150, 0.1862

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.



66.3548, 0.2721, 0.2326



66.3548, 0.4021, 0.4387



66.3548, 0.1982, 0.2439

Square

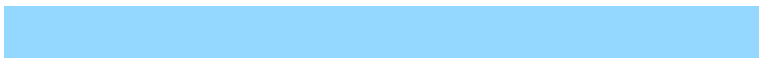
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.3548, 0.4021, 0.4387



66.3548, 0.2266, 0.3531



66.3548, 0.2232, 0.2265



66.3548, 0.4029, 0.2995

Rectangle

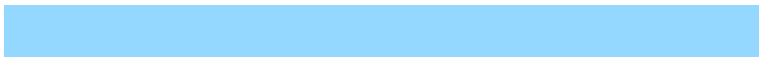
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.3548, 0.4021, 0.4387



66.3548, 0.2992, 0.4343



66.3548, 0.2232, 0.2265



66.3548, 0.3151, 0.2479

Sweetspot

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



66.3579, 0.4021, 0.4387



93.1819, 0.3379, 0.3622



30.2779, 0.4409, 0.3040



19.7679, 0.3413, 0.3666



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.



66.3579, 0.4021, 0.4387



76.6894, 0.4187, 0.4555



72.1436, 0.3603, 0.4726



17.1532, 0.3272, 0.3483



31.4588, 0.4539, 0.4778



2.5878, 0.4483, 0.4823

Inverse Universe

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



25.4958, 0.2150, 0.1862



22.9924, 0.1950, 0.1536



23.3262, 0.2388, 0.1696



14.9743, 0.2980, 0.3089



4.3513, 0.1544, 0.0759



0.4652, 0.1608, 0.0988

Previews

White Background



This preview shows how the Yxy color 66.3548, 0.4021, 0.4387 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 66.3548, 0.4021, 0.4387 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 66.3548, 0.4021, 0.4387

Background



This preview shows how black text looks on a background with the Yxy color 66.3548, 0.4021, 0.4387.



This preview shows how white text looks on a background with the Yxy color 66.3548, 0.4021, 0.4387.

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

66.3548, 0.4021, 0.4387

Protanopia

66.3548, 0.4021, 0.4387

Deuteranopia

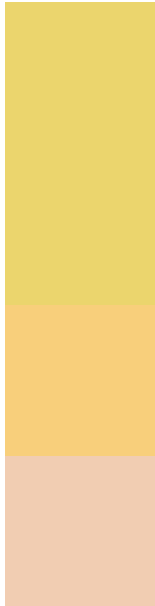
66.0844, 0.4088, 0.4037



Tritanopia

66.1955, 0.3353, 0.3123

Trichromacy



Original Color

66.3548, 0.4021, 0.4387

Protanomaly

66.3548, 0.4021, 0.4387

Deuteranomaly

66.0122, 0.4071, 0.4160

Tritanomaly

65.5778, 0.3614, 0.3583

Monochromacy



Original Color

66.3548, 0.4021, 0.4387

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.9772, 0.3461, 0.3728

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3548, 0.4021, 0.4387 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(235, 213, 109)` looks like.

```
.text, #text, p{  
    color:rgb(235, 213, 109)  
}
```

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(235, 213, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 213, 109) }
```

Border

The CSS property to change the border of an element to Yxy 66.3548, 0.4021, 0.4387 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(235, 213, 109) }
```

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

```
.border{ border-color:rgb(235, 213, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 213, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 213, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 213, 109);  
box-shadow:4px 4px 4px 4px rgb(235, 213,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3548, 0.4021, 0.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 213, 109) }
```

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

```
.background{ background-color: rgb(235,  
213, 109) }
```

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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