

Converting Colors

$Yxy(63.0147, 0.4042, 0.4583)$

Have a look what the booklet for
Yxy(63.0147, 0.4042, 0.4583)
contains.

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Color

Yxy(63.0147, 0.4042, 0.4583)

Conversions

Conversions Part 1

Format	Color
Hex	DFD35A
RGB	223, 211, 90
RGB Percent	87%, 83%, 35%
CMY	0.1254, 0.1726, 0.6471
CMYK	0.00, 0.05, 0.60, 0.13
HSL	55°, 68%, 61%
HSV	55°, 60%, 87%
XYZ	55.5761, 63.0147, 18.9058
YIQ	200.7940, 45.9930, -35.0870

Conversions

Conversions Part 2

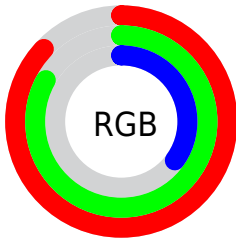
Format	Color
RYB	103, 223, 90
Decimal	14668634
CIELab	83.45, -10.56, 59.89
CIELCh	83, 60.812, 99.998
Yxy	63.0147, 0.4042, 0.4583
Android (android.graphics.Color)	4292858714 (0xFFDFD35A)
YUV	200.7940, -54.6214, 19.4747
Hunter-Lab	79.3818, -13.9482, 41.4466

Details

The Yxy color **63.0147, 0.4042, 0.4583** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **17.0096, 0.2004, 0.1529**, and the grayscale version is **58.6009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7936, 0.3777, 0.4365**, and **32.2288, 0.4199, 0.4857** is the 20% darker color. If you saturate the color by 10%, you get **61.6978, 0.4161, 0.4730**, and if you desaturate by 10%, it is **64.4639, 0.3903, 0.4401**.

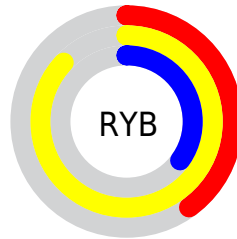
Distribution



Red (87%)

Green (83%)

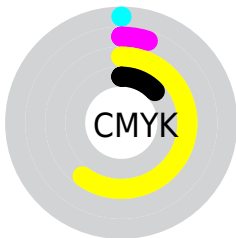
Blue (35%)



Red (40%)

Yellow (87%)

Blue (35%)

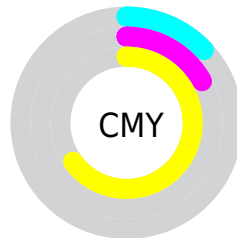


Cyan (0%)

Magenta (5%)

Yellow (60%)

Black (13%)



Cyan (13%)


Magenta (17%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0147, 0.4042, 0.4583 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 63.0147, 0.4042, 0.4583 by changing the saturation by 10% instead.


 63.0147, 0.4042,
0.4583

 63.0147, 0.4042,
0.4583


435.6228, 0.3646,
0.3989


 45.8531, 0.4118,
0.4709

 109.1907, 0.3915,
0.4383

 32.1299, 0.4202,
0.4856


 138.9739, 0.3862,
0.4303

 21.4608, 0.4290,
0.5027


 173.7331, 0.3815,
0.4233

 13.4612, 0.4372,
0.5219

 213.8527, 0.3774,
0.4172

 7.7469, 0.4494,
0.5506

259.7171, 0.3736,
0.4118

 3.9334, 0.4395,
0.5605

311.7106, 0.3703,

 1.6364, 0.4228,

0.4070

0.5772

370.2178, 0.3673,
0.4027

■ 0.3819, 0.2161,
0.7839

■ 0.0000, 0.0000,
0.0000

■ 63.0147, 0.4042,
0.4583

■ 63.0147, 0.4042,
0.4583

■ 61.6978, 0.4161,
0.4730

■ 64.4639, 0.3903,
0.4401

■ 60.4939, 0.4254,
0.4835

■ 66.0460, 0.3751,
0.4192

■ 59.3933, 0.4320,
0.4895

■ 67.7721, 0.3591,
0.3968


■ 58.3749, 0.4362,
0.4917


■ 69.6499, 0.3430,
0.3736


 58.3394, 0.4363,
0.4918

 71.6865, 0.3272,
0.3506

 73.8883, 0.3122,
0.3282

 76.2617, 0.2981,
0.3070

 77.9179, 0.2928,
0.3002

 79.0279, 0.2928,
0.3023

Harmonies

Analogous

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



63.0147, 0.4531, 0.4135



63.0147, 0.4042, 0.4583



63.0147, 0.3343, 0.4686

Triad

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



63.0147, 0.4042, 0.4583



63.0147, 0.1824, 0.2711



63.0147, 0.3531, 0.2552

Complementary

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



63.0147, 0.4042, 0.4583



17.0096, 0.2004, 0.1529

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.



63.0147, 0.2760, 0.2235



63.0147, 0.4042, 0.4583



63.0147, 0.1861, 0.2273

Square

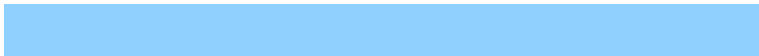
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.0147, 0.4042, 0.4583



63.0147, 0.2081, 0.3439



63.0147, 0.2177, 0.2129



63.0147, 0.4255, 0.3024

Rectangle

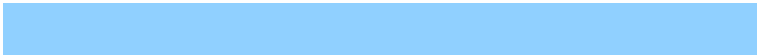
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.0147, 0.4042, 0.4583



63.0147, 0.2854, 0.4449



63.0147, 0.2177, 0.2129



63.0147, 0.3264, 0.2426

Sweetspot

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



63.0176, 0.4042, 0.4583



94.7700, 0.3406, 0.3701



23.9890, 0.4800, 0.3150



20.1183, 0.3453, 0.3769



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.



63.0176, 0.4042, 0.4583



83.1057, 0.4190, 0.4765



62.0504, 0.3550, 0.4920



15.8066, 0.3269, 0.3501



34.3823, 0.4360, 0.4920



2.4460, 0.4332, 0.4943

Inverse Universe

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



17.0096, 0.2004, 0.1529



15.5533, 0.1776, 0.1143



18.4994, 0.2387, 0.1558



13.4414, 0.2981, 0.3070



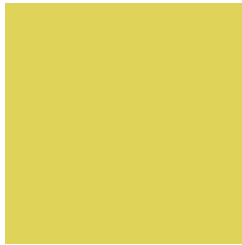
3.5003, 0.1518, 0.0663



0.3122, 0.1563, 0.0827

Previews

White Background



This preview shows how the Yxy color 63.0147, 0.4042, 0.4583 looks on a white background.

Color Contrast Check

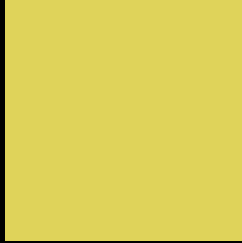
Large Text (above 18pt) WCAG AA × Fail

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 63.0147, 0.4042, 0.4583 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 63.0147, 0.4042, 0.4583

Background



This preview shows how black text looks on a background with the Yxy color 63.0147, 0.4042, 0.4583.



This preview shows how white text looks on a background with the Yxy color 63.0147, 0.4042, 0.4583.

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

63.0147, 0.4042, 0.4583

Protanopia

62.8219, 0.4132, 0.4530

Deuteranopia

62.6476, 0.4308, 0.4222



Tritanopia

62.7356, 0.3293, 0.3118

Trichromacy



Original Color

63.0147, 0.4042, 0.4583

Protanomaly

62.8162, 0.4101, 0.4552

Deuteranomaly

62.6674, 0.4208, 0.4354

Tritanomaly

62.3994, 0.3599, 0.3673

Monochromacy



Original Color

63.0147, 0.4042, 0.4583

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.7912, 0.3481, 0.3815

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0147, 0.4042, 0.4583 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(223, 211, 90)` looks like.

```
.text, #text, p{  
    color:rgb(223, 211, 90)  
}
```

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(223, 211, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 211, 90) }
```

Border

The CSS property to change the border of an element to Yxy 63.0147, 0.4042, 0.4583 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(223, 211, 90) }
```

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

```
.border{ border-color:rgb(223, 211, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 211, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 211, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 211, 90);  
box-shadow:4px 4px 4px 4px rgb(223, 211,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0147, 0.4042, 0.4583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 211, 90) }
```

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

```
.background{ background-color: rgb(223,  
211, 90) }
```

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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