

Converting Colors

Yxy(61.4234, 0.4068, 0.4789)

Have a look what the booklet for
Yxy(61.4234, 0.4068, 0.4789)
contains.

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Color

Yxy(61.3143, 0.4066, 0.4785)

Conversions

Conversions Part 1

Format	Color
Hex	D6D345
RGB	214, 211, 69
RGB Percent	84%, 83%, 27%
CMY	0.1608, 0.1725, 0.7293
CMYK	0.00, 0.01, 0.68, 0.16
HSL	59°, 64%, 55%
HSV	59°, 68%, 84%
XYZ	52.1011, 61.3143, 14.7231
YIQ	195.7090, 47.3700, -43.5260

Conversions

Conversions Part 2

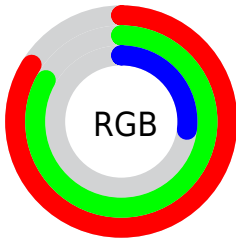
Format	Color
RYB	72, 214, 69
Decimal	14078789
CIELab	82.55, -15.57, 67.26
CIELCh	83, 69.034, 103.034
Yxy	61.3143, 0.4066, 0.4785
Android (android.graphics.Color)	4292268869 (0xFFD6D345)
YUV	195.7090, -62.4675, 16.0412
Hunter-Lab	78.3034, -18.2616, 43.6643

Details

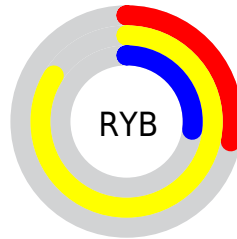
The Yxy color **61.3143, 0.4066, 0.4785** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **10.7597, 0.1829, 0.1163**, and the grayscale version is **55.3820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2607, 0.3874, 0.4525**, and **31.1819, 0.4182, 0.5061** is the 20% darker color. If you saturate the color by 10%, you get **60.8779, 0.4145, 0.4905**, and if you desaturate by 10%, it is **61.8528, 0.3962, 0.4624**.

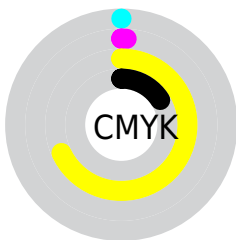
Distribution



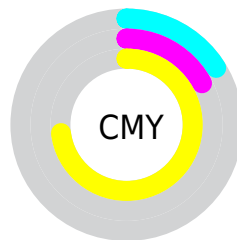
- Red (84%)
- Green (83%)
- Blue (27%)



- Red (28%)
- Yellow (84%)
- Blue (27%)



- Cyan (0%)
- Magenta (1%)
- Yellow (68%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3143, 0.4066, 0.4785 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 61.3143, 0.4066, 0.4785 by changing the saturation by 10% instead.

61.3143, 0.4066,
0.4785

61.3143, 0.4066,
0.4785

429.4255, 0.3676,
0.4098

44.4789, 0.4133,
0.4927

106.7339, 0.3946,
0.4556

31.0472, 0.4202,
0.5091

136.0868, 0.3894,
0.4463

20.6348, 0.4264,
0.5277

170.3811, 0.3848,
0.4382

12.8573, 0.4318,
0.5499

210.0010, 0.3806,
0.4311

7.3303, 0.4298,
0.5702

255.3310, 0.3769,
0.4249

3.6695, 0.4144,
0.5856

306.7555, 0.3734,

1.4905, 0.3878,

0.4193

0.6122

364.6588, 0.3704,
0.4143

0.2820, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.3143, 0.4066,
0.4785

61.3143, 0.4066,
0.4785

60.8779, 0.4145,
0.4905

61.8528, 0.3962,
0.4624

60.5242, 0.4197,
0.4981

62.4941, 0.3837,
0.4428

60.2408, 0.4225,
0.5018

63.2493, 0.3697,
0.4205

60.1810, 0.4230,
0.5023

64.1256, 0.3547,
0.3966

65.1299, 0.3394,
0.3720

66.2683, 0.3242,
0.3475

67.5467, 0.3095,
0.3237

68.9705, 0.2955,
0.3012

70.1105, 0.2865,
0.2866

Harmonies

Analogous

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



61.3143, 0.4665, 0.4272



61.3143, 0.4066, 0.4785



61.3143, 0.3264, 0.4887

Triad

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



61.3143, 0.4066, 0.4785



61.3143, 0.1659, 0.2551



61.3143, 0.3675, 0.2506

Complementary

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



61.3143, 0.4066, 0.4785



10.7597, 0.1829, 0.1163

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.



61.3143, 0.2785, 0.2137



61.3143, 0.4066, 0.4785



61.3143, 0.1734, 0.2111

Square

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



61.3143, 0.4066, 0.4785



61.3143, 0.1900, 0.3352



61.3143, 0.2109, 0.1992



61.3143, 0.4485, 0.3036

Rectangle

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



61.3143, 0.4066, 0.4785



61.3143, 0.2720, 0.4576



61.3143, 0.2109, 0.1992



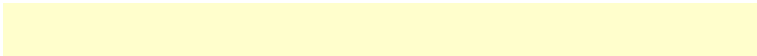
61.3143, 0.3368, 0.2362

Sweetspot

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



61.3172, 0.4066, 0.4785



96.4687, 0.3432, 0.3781



19.0489, 0.5303, 0.3249



20.5562, 0.3475, 0.3851



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.



61.3172, 0.4066, 0.4785



90.3024, 0.4169, 0.4941



54.6671, 0.3496, 0.5160



14.4738, 0.3267, 0.3516



36.3950, 0.4229, 0.5024



2.2095, 0.4223, 0.5029

Inverse Universe

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



10.7597, 0.1829, 0.1163



10.3802, 0.1625, 0.0821



14.4067, 0.2358, 0.1385



12.0494, 0.2981, 0.3054



3.0112, 0.1504, 0.0614



0.1965, 0.1516, 0.0659

Previews

White Background



This preview shows how the Yxy color 61.3143, 0.4066, 0.4785 looks on a white background.

Color Contrast Check

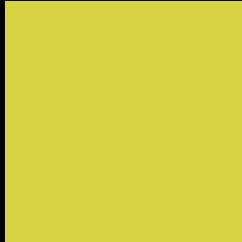
Large Text (above 18pt) WCAG AA × Fail

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 61.3143, 0.4066, 0.4785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

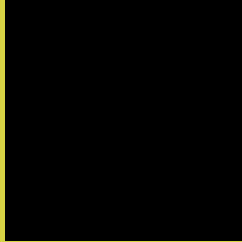
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3143, 0.4066, 0.4785

Background



This preview shows how black text looks on a background with the Yxy color 61.3143, 0.4066, 0.4785.



This preview shows how white text looks on a background with the Yxy color 61.3143, 0.4066, 0.4785.

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

61.3143, 0.4066, 0.4785

Protanopia

61.3830, 0.4239, 0.4668

Deuteranopia

60.8843, 0.4465, 0.4368



Tritanopia

61.0675, 0.3246, 0.3114

Trichromacy



Original Color

61.3143, 0.4066, 0.4785

Protanomaly

61.3764, 0.4175, 0.4715

Deuteranomaly

60.8344, 0.4318, 0.4516

Tritanomaly

60.3439, 0.3597, 0.3763

Monochromacy



Original Color

61.3143, 0.4066, 0.4785

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.6718, 0.3524, 0.3914

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3143, 0.4066, 0.4785 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(214, 211, 69)` looks like.

```
.text, #text, p{  
    color:rgb(214, 211, 69)  
}
```

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(214, 211, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 211, 69) }
```

Border

The CSS property to change the border of an element to Yxy 61.3143, 0.4066, 0.4785 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(214, 211, 69) }
```

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

```
.border{ border-color:rgb(214, 211, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 211, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 211, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 211, 69);  
box-shadow:4px 4px 4px 4px rgb(214, 211,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3143, 0.4066, 0.4785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 211, 69) }
```

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

```
.background{ background-color: rgb(214,  
211, 69) }
```

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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