

Converting Colors

$Yxy(60.7028, 0.4079, 0.4783)$

Have a look what the booklet for
Yxy(60.7028, 0.4079, 0.4783)
contains.

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Color

Yxy(60.8067, 0.4077, 0.4784)

Conversions

Conversions Part 1

Format	Color
Hex	D6D244
RGB	214, 210, 68
RGB Percent	84%, 82%, 27%
CMY	0.1608, 0.1764, 0.7332
CMYK	0.00, 0.02, 0.68, 0.16
HSL	58°, 64%, 55%
HSV	58°, 68%, 84%
XYZ	51.8204, 60.8067, 14.4772
YIQ	195.0080, 47.9660, -43.3140

Conversions

Conversions Part 2

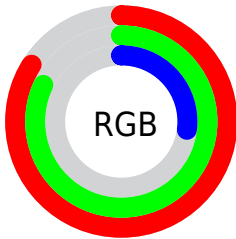
Format	Color
RYB	72, 214, 68
Decimal	14078532
CIELab	82.27, -15.13, 67.36
CIELCh	82, 69.038, 102.660
Yxy	60.8067, 0.4077, 0.4784
Android (android.graphics.Color)	4292268612 (0xFFD6D244)
YUV	195.0080, -62.6149, 16.6560
Hunter-Lab	77.9787, -17.8411, 43.5775

Details

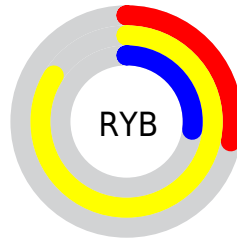
The Yxy color **60.8067, 0.4077, 0.4784** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **10.7199, 0.1823, 0.1161**, and the grayscale version is **54.9394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2352, 0.3879, 0.4533**, and **30.8449, 0.4193, 0.5053** is the 20% darker color. If you saturate the color by 10%, you get **60.3062, 0.4156, 0.4901**, and if you desaturate by 10%, it is **61.4093, 0.3973, 0.4625**.

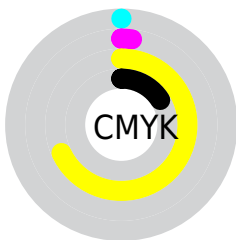
Distribution



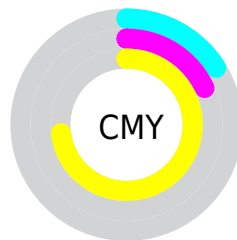
- Red (84%)
- Green (82%)
- Blue (27%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (68%)
- Black (16%)




- Cyan (16%)
- Magenta (18%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8067, 0.4077, 0.4784 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 60.8067, 0.4077, 0.4784 by changing the saturation by 10% instead.

 60.8067, 0.4077,
0.4784


 60.8067, 0.4077,
0.4784


427.5649, 0.3681,
0.4098

 44.0692, 0.4145,
0.4926


 105.9990, 0.3955,
0.4555


 30.7249, 0.4215,
0.5089


 135.2226, 0.3903,
0.4463


 20.3895, 0.4278,
0.5273


 169.3770, 0.3856,
0.4382

 12.6785, 0.4336,
0.5497

 208.8466, 0.3813,
0.4311

 7.2075, 0.4311,
0.5689

 254.0158, 0.3775,
0.4248

 3.5922, 0.4160,
0.5840

305.2690, 0.3741,

 1.4482, 0.3897,

0.4193

0.6103

362.9905, 0.3710,
0.4143

0.2518, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.8067, 0.4077,
0.4784

60.8067, 0.4077,
0.4784

60.3062, 0.4156,
0.4901

61.4093, 0.3973,
0.4625

59.8882, 0.4209,
0.4975

62.1147, 0.3847,
0.4431

59.5396, 0.4238,
0.5009

62.9340, 0.3706,
0.4211

59.4803, 0.4242,
0.5014

63.8747, 0.3556,
0.3973

64.9433, 0.3402,
0.3729

66.1463, 0.3249,
0.3485

67.4894, 0.3101,
0.3249

68.9782, 0.2962,
0.3024

70.2510, 0.2865,
0.2869

Harmonies

Analogous

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



60.8067, 0.4674, 0.4266



60.8067, 0.4077, 0.4784



60.8067, 0.3275, 0.4895

Triad

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



60.8067, 0.4077, 0.4784



60.8067, 0.1657, 0.2557



60.8067, 0.3665, 0.2499

Complementary

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



60.8067, 0.4077, 0.4784



10.7199, 0.1823, 0.1161

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.



60.8067, 0.2774, 0.2131



60.8067, 0.4077, 0.4784



60.8067, 0.1728, 0.2111

Square

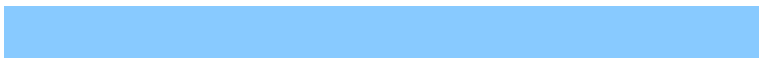
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.8067, 0.4077, 0.4784



60.8067, 0.1902, 0.3364



60.8067, 0.2100, 0.1989



60.8067, 0.4481, 0.3028

Rectangle

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



60.8067, 0.4077, 0.4784



60.8067, 0.2728, 0.4589



60.8067, 0.2100, 0.1989



60.8067, 0.3357, 0.2354

Sweetspot

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



60.8095, 0.4077, 0.4784



96.2546, 0.3432, 0.3778



18.9114, 0.5325, 0.3249



20.5040, 0.3476, 0.3847



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.



60.8095, 0.4077, 0.4784



89.3884, 0.4184, 0.4941



54.6062, 0.3496, 0.5171



14.4591, 0.3267, 0.3514



35.9812, 0.4241, 0.5015



2.1890, 0.4232, 0.5022

Inverse Universe

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



10.7199, 0.1823, 0.1161



10.2197, 0.1616, 0.0810



14.2376, 0.2351, 0.1373



12.0625, 0.2981, 0.3056



3.0358, 0.1505, 0.0619



0.2027, 0.1522, 0.0677

Previews

White Background



This preview shows how the Yxy color 60.8067, 0.4077, 0.4784 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 60.8067, 0.4077, 0.4784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

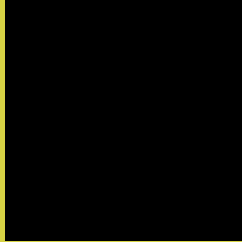
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8067, 0.4077, 0.4784

Background



This preview shows how black text looks on a background with the Yxy color 60.8067, 0.4077, 0.4784.



This preview shows how white text looks on a background with the Yxy color 60.8067, 0.4077, 0.4784.

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

60.8067, 0.4077, 0.4784

Protanopia

60.7259, 0.4243, 0.4671

Deuteranopia

60.3654, 0.4499, 0.4392



Tritanopia

60.5642, 0.3254, 0.3114

Trichromacy



Original Color

60.8067, 0.4077, 0.4784

Protanomaly

60.8782, 0.4186, 0.4714

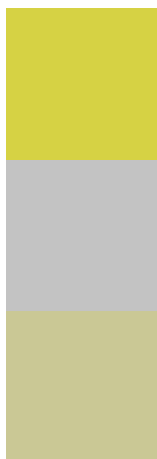
Deuteranomaly

60.3149, 0.4345, 0.4535

Tritanomaly

59.8409, 0.3608, 0.3764

Monochromacy



Original Color

60.8067, 0.4077, 0.4784

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.0350, 0.3525, 0.3917

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8067, 0.4077, 0.4784 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, 210, 68)` looks like.

```
.text, #text, p{  
    color:rgb(214, 210, 68)  
}
```

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, 210, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 210, 68) }
```

Border

The CSS property to change the border of an element to Yxy 60.8067, 0.4077, 0.4784 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, 210, 68) }
```

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

```
.border{ border-color:rgb(214, 210, 68) }
```

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

Here you see how a box with a 4 pixel rgb(214, 210, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 210, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 210, 68);  
box-shadow:4px 4px 4px 4px rgb(214, 210,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8067, 0.4077, 0.4784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 210, 68) }
```

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

```
.background{ background-color: rgb(214,  
210, 68) }
```

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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