

Converting Colors

$Yxy(67.3083, 0.4063, 0.5083)$

Have a look what the booklet for
Yxy(67.3083, 0.4063, 0.5083)
contains.

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Color

Yxy(67.2489, 0.4062, 0.5083)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D3E01D |
| RGB | 211, 224, 29 |
| RGB Percent | 83%, 88%, 11% |
| CMY | 0.1726, 0.1215, 0.8861 |
| CMYK | 0.06, 0.00, 0.87, 0.12 |
| HSL | 64°, 77%, 50% |
| HSV | 64°, 87%, 88% |
| XYZ | 53.7409, 67.2489, 11.3118 |
| YIQ | 197.8830, 54.8470, -63.4010 |

Conversions

Conversions Part 2

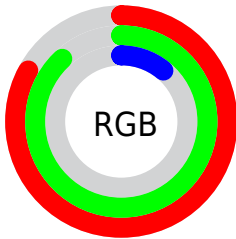
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 29, 224, 42 |
| Decimal | 13885469 |
| CIE _{Lab} | 85.63, -24.61, 81.20 |
| CIE _{LCh} | 86, 84.849, 106.858 |
| Yxy | 67.2489, 0.4062, 0.5083 |
| Android (android.graphics.Color) | 4292075549 (0xFFD3E01D) |
| YUV | 197.8830, -83.2593, 11.5036 |
| Hunter-Lab | 82.0054, -26.5325, 49.2254 |

Details

The Yxy color **67.2489, 0.4062, 0.5083** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **6.7559, 0.1603, 0.0729**, and the grayscale version is **56.8918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6618, 0.3994, 0.4723**, and **35.0513, 0.4019, 0.5191** is the 20% darker color. If you saturate the color by 10%, you get **66.9579, 0.4074, 0.5135**, and if you desaturate by 10%, it is **67.6278, 0.4025, 0.4989**.

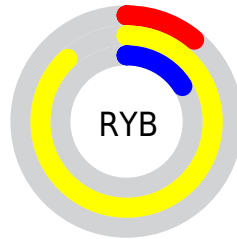
Distribution



Red (83%)

Green (88%)

Blue (11%)



Red (11%)

Yellow (88%)

Blue (16%)

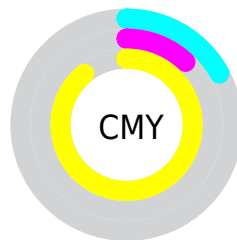


Cyan (6%)

Magenta (0%)

Yellow (87%)

Black (12%)



Cyan (17%)


Magenta (12%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2489, 0.4062, 0.5083 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 67.2489, 0.4062, 0.5083 by changing the saturation by 10% instead.


 67.2489, 0.4062,
0.5083


 67.2489, 0.4062,
0.5083

450.8302, 0.3717,
0.4282

 49.2869, 0.4106,
0.5239

 115.2770, 0.3969,
0.4823


 34.8471, 0.4140,
0.5414


 146.1119, 0.3924,
0.4716


 23.5452, 0.4151,
0.5604


 182.0066, 0.3882,
0.4621

 14.9966, 0.4152,
0.5848

 223.3454, 0.3844,
0.4538

 8.8170, 0.4008,
0.5992

 270.5128, 0.3808,
0.4463

 4.6220, 0.3791,
0.6209

 323.8931, 0.3775,

 2.0272, 0.3435,

0.4396

0.6565

383.8708, 0.3745,
0.4336

■ 0.6232, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 67.2489, 0.4062,
0.5083

■ 67.2489, 0.4062,
0.5083

■ 66.9579, 0.4074,
0.5135

■ 67.6278, 0.4025,
0.4989

■ 66.8787, 0.4076,
0.5146

■ 68.1010, 0.3962,
0.4851

■ 68.6837, 0.3874,
0.4672

■ 69.3860, 0.3764,
0.4459

70.2171, 0.3639,
0.4222

71.1852, 0.3504,
0.3971

72.2977, 0.3363,
0.3715

73.5616, 0.3223,
0.3462

74.9834, 0.3087,
0.3219

Harmonies

Analogous

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



67.2489, 0.4824, 0.4460



67.2489, 0.4062, 0.5083



67.2489, 0.3122, 0.5188

Triad

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



67.2489, 0.4062, 0.5083



67.2489, 0.1437, 0.2315



67.2489, 0.3907, 0.2448

Complementary

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



67.2489, 0.4062, 0.5083



6.7559, 0.1603, 0.0729

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.



67.2489, 0.2837, 0.2008



67.2489, 0.4062, 0.5083



67.2489, 0.1567, 0.1887

Square

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



67.2489, 0.4062, 0.5083



67.2489, 0.1642, 0.3196



67.2489, 0.2024, 0.1808



67.2489, 0.4834, 0.3054

Rectangle

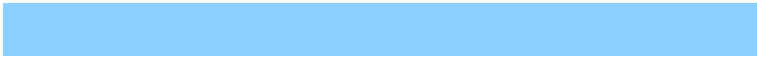
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.2489, 0.4062, 0.5083



67.2489, 0.2506, 0.4749



67.2489, 0.2024, 0.1808



67.2489, 0.3540, 0.2278

Sweetspot

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



67.2520, 0.4062, 0.5083



95.6116, 0.3492, 0.3949



17.5956, 0.6082, 0.3366



20.3620, 0.3540, 0.4038



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.



67.2520, 0.4062, 0.5083



89.6943, 0.4075, 0.5147



56.9493, 0.3340, 0.5634



15.9806, 0.3257, 0.3522



38.9458, 0.4077, 0.5144



2.7137, 0.4096, 0.5129

Inverse Universe

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



6.7559, 0.1603, 0.0729



7.3393, 0.1515, 0.0608



11.7965, 0.2282, 0.1093



13.2867, 0.2991, 0.3048



3.2089, 0.1522, 0.0612



0.2380, 0.1584, 0.0646

Previews

White Background



This preview shows how the Yxy color 67.2489, 0.4062, 0.5083 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 67.2489, 0.4062, 0.5083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

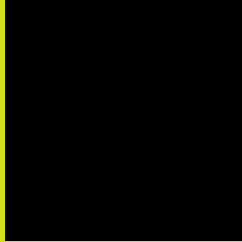
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.2489, 0.4062, 0.5083

Background



This preview shows how black text looks on a background with the Yxy color 67.2489, 0.4062, 0.5083.



This preview shows how white text looks on a background with the Yxy color 67.2489, 0.4062, 0.5083.

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

67.2489, 0.4062, 0.5083

Protanopia

66.8685, 0.4382, 0.4843

Deuteranopia

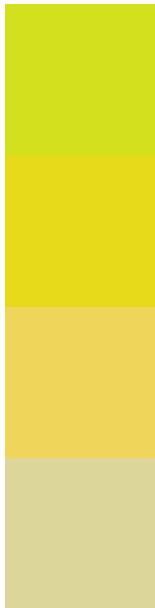
66.8833, 0.4119, 0.4111



Tritanopia

66.8789, 0.3151, 0.3107

Trichromacy



Original Color

67.2489, 0.4062, 0.5083

Protanomaly

67.0449, 0.4261, 0.4934

Deuteranomaly

66.6774, 0.4159, 0.4529

Tritanomaly

65.7984, 0.3604, 0.3973

Monochromacy



Original Color

67.2489, 0.4062, 0.5083

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

59.1283, 0.3600, 0.4136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2489, 0.4062, 0.5083 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(211, 224, 29)` looks like.

```
.text, #text, p{  
    color:rgb(211, 224, 29)  
}
```

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(211, 224, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 224, 29) }
```

Border

The CSS property to change the border of an element to Yxy 67.2489, 0.4062, 0.5083 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(211, 224, 29) }
```

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

```
.border{ border-color:rgb(211, 224, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 224, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 224, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 224, 29);  
box-shadow:4px 4px 4px 4px rgb(211, 224,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2489, 0.4062, 0.5083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 224, 29) }
```

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

```
.background{ background-color: rgb(211,  
224, 29) }
```

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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