

Converting Colors

$Yxy(69.0723, 0.3674, 0.4424)$

Have a look what the booklet for
Yxy(69.0723, 0.3674, 0.4424)
contains.

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Color

Yxy(69.1800, 0.3676, 0.4423)

Conversions

Conversions Part 1

Format	Color
Hex	D3E17D
RGB	211, 225, 125
RGB Percent	83%, 88%, 49%
CMY	0.1725, 0.1176, 0.5097
CMYK	0.06, 0.00, 0.44, 0.12
HSL	68°, 62%, 69%
HSV	68°, 44%, 88%
XYZ	57.4962, 69.1800, 29.7335
YIQ	209.4140, 23.7560, -34.0680

Conversions

Conversions Part 2

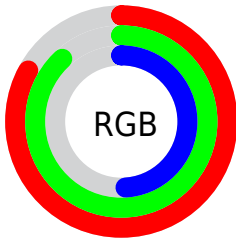
Format	Color
RYB	125, 225, 139
Decimal	13885821
CIELab	86.59, -19.34, 47.13
CIELCh	87, 50.945, 112.316
Yxy	69.1800, 0.3676, 0.4423
Android (android.graphics.Color)	4292075901 (0xFFD3E17D)
YUV	209.4140, -41.6161, 1.3909
Hunter-Lab	83.1745, -22.1634, 37.0270

Details

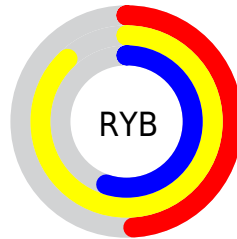
The Yxy color **69.1800, 0.3676, 0.4423** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.6005, 0.2398, 0.1944**, and the grayscale version is **64.3158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **36.1991, 0.3776, 0.4698** is the 20% darker color. If you saturate the color by 10%, you get **68.2113, 0.3777, 0.4656**, and if you desaturate by 10%, it is **70.2943, 0.3561, 0.4171**.

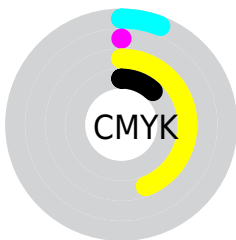
Distribution



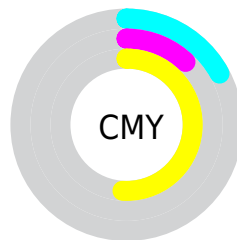
- Red (83%)
- Green (88%)
- Blue (49%)



- Red (49%)
- Yellow (88%)
- Blue (55%)



- Cyan (6%)
- Magenta (0%)
- Yellow (44%)
- Black (12%)





- Cyan (17%)
- Magenta (12%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1800, 0.3676, 0.4423 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 69.1800, 0.3676, 0.4423 by changing the saturation by 10% instead.


 69.1800, 0.3676,
0.4423

 69.1800, 0.3676,
0.4423


457.6656, 0.3441,
0.3886


 50.8583, 0.3722,
0.4545


 118.0386, 0.3600,
0.4236

 36.0959, 0.3774,
0.4695


 149.3444, 0.3569,
0.4163

 24.5082, 0.3831,
0.4881


 185.7469, 0.3541,
0.4101

 15.7111, 0.3889,
0.5115

227.6307, 0.3517,
0.4046

 9.3199, 0.3936,
0.5411

275.3800, 0.3495,
0.3999

 4.9504, 0.4050,
0.5950

329.3793, 0.3475,

 2.2182, 0.3787,

0.3957

0.6213

390.0131, 0.3457,
0.3919

0.7299, 0.2328,
0.7672

0.0000, 0.0000,
0.0000

69.1800, 0.3676,
0.4423

69.1800, 0.3676,
0.4423

68.2113, 0.3777,
0.4656

70.2943, 0.3561,
0.4171

67.3698, 0.3858,
0.4860


71.5530, 0.3437,
0.3910

66.6487, 0.3914,
0.5025

72.9666, 0.3309,
0.3650


66.0362, 0.3945,
0.5145

74.5421, 0.3182,
0.3398

 65.5182, 0.3950,
0.5221


 76.2860, 0.3059,
0.3158

 65.2578, 0.3946,
0.5249

 77.8762, 0.2972,
0.2984

 78.4012, 0.2993,
0.2986

 78.9357, 0.3014,
0.2988

 79.4796, 0.3035,
0.2990

Harmonies

Analogous

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



69.1800, 0.4159, 0.4180



69.1800, 0.3676, 0.4423



69.1800, 0.3072, 0.4306

Triad

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



69.1800, 0.3676, 0.4423



69.1800, 0.2020, 0.2646



69.1800, 0.3720, 0.2830

Complementary

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



69.1800, 0.3676, 0.4423



25.6005, 0.2398, 0.1944

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.



69.1800, 0.3083, 0.2496



69.1800, 0.3676, 0.4423



69.1800, 0.2150, 0.2370

Square

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



69.1800, 0.3676, 0.4423



69.1800, 0.2142, 0.3160



69.1800, 0.2518, 0.2330



69.1800, 0.4213, 0.3271

Rectangle

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



69.1800, 0.3676, 0.4423



69.1800, 0.2685, 0.4003



69.1800, 0.2518, 0.2330



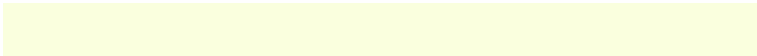
69.1800, 0.3512, 0.2703

Sweetspot

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



69.1831, 0.3676, 0.4423



97.1772, 0.3292, 0.3616



35.7688, 0.4234, 0.3450



20.7053, 0.3321, 0.3673



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.



69.1831, 0.3676, 0.4423



90.7223, 0.3767, 0.4633



62.9799, 0.3304, 0.4576



15.9273, 0.3246, 0.3523



37.6433, 0.3950, 0.5246



2.6363, 0.3989, 0.5214

Inverse Universe

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



25.6005, 0.2398, 0.1944



26.0844, 0.2220, 0.1638



30.8458, 0.2829, 0.2090



13.3348, 0.3002, 0.3049



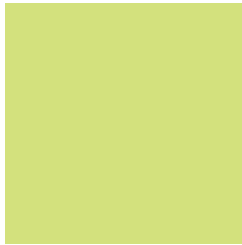
3.3343, 0.1557, 0.0631



0.2609, 0.1673, 0.0695

Previews

White Background



This preview shows how the Yxy color 69.1800, 0.3676, 0.4423 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 69.1800, 0.3676, 0.4423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

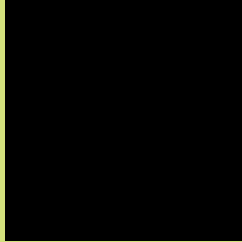
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1800, 0.3676, 0.4423

Background



This preview shows how black text looks on a background with the Yxy color 69.1800, 0.3676, 0.4423.



This preview shows how white text looks on a background with the Yxy color 69.1800, 0.3676, 0.4423.

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

69.1800, 0.3676, 0.4423

Protanopia

69.2080, 0.3944, 0.4293

Deuteranopia

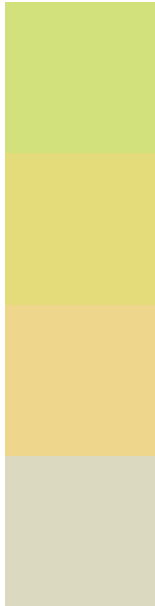
68.5738, 0.3931, 0.3889



Tritanopia

68.9896, 0.3085, 0.3107

Trichromacy



Original Color

69.1800, 0.3676, 0.4423

Protanomaly

69.1104, 0.3844, 0.4343

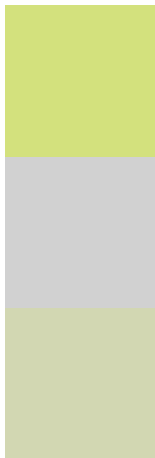
Deuteranomaly

68.3669, 0.3841, 0.4074

Tritanomaly

68.4915, 0.3313, 0.3571

Monochromacy



Original Color

69.1800, 0.3676, 0.4423

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

65.5169, 0.3346, 0.3721

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1800, 0.3676, 0.4423 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, 225, 125)` looks like.

```
.text, #text, p{  
    color:rgb(211, 225, 125)  
}
```

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, 225, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 225, 125) }
```

Border

The CSS property to change the border of an element to Yxy 69.1800, 0.3676, 0.4423 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, 225, 125) }
```

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

```
.border{ border-color:rgb(211, 225, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 225, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 225, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 225, 125);  
box-shadow:4px 4px 4px 4px rgb(211, 225,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1800, 0.3676, 0.4423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 225, 125) }
```

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

```
.background{ background-color: rgb(211,  
225, 125) }
```

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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