

Converting Colors

$Yxy(66.3017, 0.3771, 0.4453)$

Have a look what the booklet for
Yxy(66.3017, 0.3771, 0.4453)
contains.

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Color

Yxy(66.0701, 0.3770, 0.4454)

Conversions

Conversions Part 1

Format	Color
Hex	D5DB74
RGB	213, 219, 116
RGB Percent	84%, 86%, 45%
CMY	0.1648, 0.1411, 0.5449
CMYK	0.03, 0.00, 0.47, 0.14
HSL	64°, 59%, 66%
HSV	64°, 47%, 86%
XYZ	55.9237, 66.0701, 26.3450
YIQ	205.4640, 29.4870, -33.3050

Conversions

Conversions Part 2

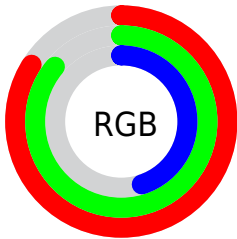
Format	Color
RYB	116, 219, 122
Decimal	14015348
CIELab	85.03, -16.51, 49.57
CIELCh	85, 52.244, 108.419
Yxy	66.0701, 0.3770, 0.4454
Android (android.graphics.Color)	4292205428 (0xFFD5DB74)
YUV	205.4640, -44.1058, 6.6091
Hunter-Lab	81.2835, -19.4367, 37.6819

Details

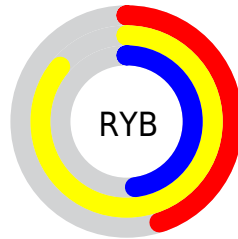
The Yxy color **66.0701, 0.3770, 0.4454** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.7624, 0.2282, 0.1834**, and the grayscale version is **61.6373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6823, 0.3632, 0.4124**, and **33.9890, 0.3885, 0.4731** is the 20% darker color. If you saturate the color by 10%, you get **65.4310, 0.3881, 0.4665**, and if you desaturate by 10%, it is **66.8369, 0.3643, 0.4218**.

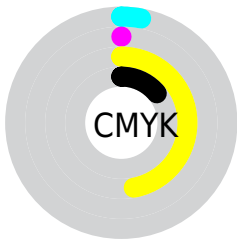
Distribution



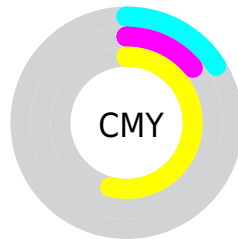
- Red (84%)
- Green (86%)
- Blue (45%)



- Red (45%)
- Yellow (86%)
- Blue (48%)



- Cyan (3%)
- Magenta (0%)
- Yellow (47%)
- Black (14%)





- Cyan (16%)
- Magenta (14%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0701, 0.3770, 0.4454 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 66.0701, 0.3770, 0.4454 by changing the saturation by 10% instead.

 66.0701, 0.3770,
0.4454


 66.0701, 0.3770,
0.4454


446.6275, 0.3491,
0.3903

 48.3293, 0.3825,
0.4578

 113.5869, 0.3679,
0.4263

 34.0877, 0.3887,
0.4729


 144.1318, 0.3642,
0.4189

 22.9610, 0.3956,
0.4915


 179.7134, 0.3609,
0.4124

 14.5647, 0.4026,
0.5145

220.7163, 0.3580,
0.4069

 8.5145, 0.4085,
0.5432

267.5247, 0.3554,
0.4020

 4.4259, 0.4147,
0.5853

320.5231, 0.3531,

 1.9145, 0.3903,

0.3976

0.6097

380.0959, 0.3510,
0.3938

■ 0.5571, 0.1851,
0.8149

■ 0.0000, 0.0000,
0.0000

■ 66.0701, 0.3770,
0.4454

■ 66.0701, 0.3770,
0.4454

■ 65.4310, 0.3881,
0.4665

■ 66.8369, 0.3643,
0.4218

■ 64.9019, 0.3971,
0.4843

■ 67.7302, 0.3506,
0.3968

■ 64.4762, 0.4036,
0.4980


■ 68.7599, 0.3365,
0.3713

■ 64.1426, 0.4074,
0.5072

■ 69.9327, 0.3224,
0.3461

 63.8861, 0.4088,
0.5123


 71.2547, 0.3087,
0.3219

 63.8167, 0.4090,
0.5134

 72.7317, 0.2956,
0.2990

 73.4093, 0.2919,
0.2915

 73.6123, 0.2927,
0.2916

 73.8169, 0.2936,
0.2917

Harmonies

Analogous

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



66.0701, 0.4246, 0.4159



66.0701, 0.3770, 0.4454



66.0701, 0.3149, 0.4393

Triad

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



66.0701, 0.3770, 0.4454



66.0701, 0.1982, 0.2674



66.0701, 0.3660, 0.2759

Complementary

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



66.0701, 0.3770, 0.4454



21.7624, 0.2282, 0.1834

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.



66.0701, 0.2995, 0.2435



66.0701, 0.3770, 0.4454



66.0701, 0.2083, 0.2358

Square

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



66.0701, 0.3770, 0.4454



66.0701, 0.2141, 0.3236



66.0701, 0.2431, 0.2288



66.0701, 0.4208, 0.3204

Rectangle

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



66.0701, 0.3770, 0.4454



66.0701, 0.2739, 0.4110



66.0701, 0.2431, 0.2288



66.0701, 0.3439, 0.2635

Sweetspot

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



66.0731, 0.3770, 0.4454



97.5163, 0.3324, 0.3640



30.0482, 0.4381, 0.3355



20.7985, 0.3355, 0.3695



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.



66.0731, 0.3770, 0.4454



92.4041, 0.3875, 0.4655



59.6511, 0.3373, 0.4628



15.2231, 0.3258, 0.3522



37.8543, 0.4092, 0.5133



2.4644, 0.4109, 0.5119

Inverse Universe

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



21.7624, 0.2282, 0.1834



22.8854, 0.2086, 0.1506



26.4667, 0.2724, 0.1992



12.6534, 0.2990, 0.3049



3.0981, 0.1519, 0.0611



0.2138, 0.1578, 0.0643

Previews

White Background



This preview shows how the Yxy color 66.0701, 0.3770, 0.4454 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 Xy color 66.0701, 0.3770, 0.4454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

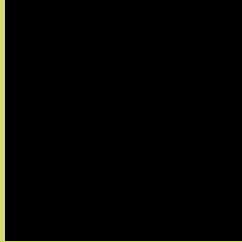
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0701, 0.3770, 0.4454

Background



This preview shows how black text looks on a background with the Yxy color 66.0701, 0.3770, 0.4454.



This preview shows how white text looks on a background with the Yxy color 66.0701, 0.3770, 0.4454.

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

66.0701, 0.3770, 0.4454

Protanopia

65.7943, 0.3988, 0.4336

Deuteranopia

65.6106, 0.4093, 0.4027



Tritanopia

65.9609, 0.3150, 0.3116

Trichromacy



Original Color

66.0701, 0.3770, 0.4454

Protanomaly

66.0074, 0.3901, 0.4382

Deuteranomaly

65.6326, 0.3975, 0.4174

Tritanomaly

65.4214, 0.3395, 0.3596

Monochromacy



Original Color

66.0701, 0.3770, 0.4454

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.5202, 0.3374, 0.3727

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0701, 0.3770, 0.4454 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(213, 219, 116)` looks like.

```
.text, #text, p{  
    color:rgb(213, 219, 116)  
}
```

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(213, 219, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 219, 116) }
```

Border

The CSS property to change the border of an element to Yxy 66.0701, 0.3770, 0.4454 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(213, 219, 116) }
```

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

```
.border{ border-color:rgb(213, 219, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 219, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 219, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 219, 116);  
box-shadow:4px 4px 4px 4px rgb(213, 219,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0701, 0.3770, 0.4454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 219, 116) }
```

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

```
.background{ background-color: rgb(213,  
219, 116) }
```

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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