

Converting Colors

Yxy(69.3086, 0.3659, 0.4521)

Have a look what the booklet for
Yxy(69.3086, 0.3659, 0.4521)
contains.

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Color

Yxy(69.2492, 0.3656, 0.4523)

Conversions

Conversions Part 1

Format	Color
Hex	CDE377
RGB	205, 227, 119
RGB Percent	80%, 89%, 47%
CMY	0.1961, 0.1098, 0.5332
CMYK	0.10, 0.00, 0.48, 0.11
HSL	72°, 66%, 68%
HSV	72°, 48%, 89%
XYZ	55.9750, 69.2492, 27.8803
YIQ	208.1100, 21.5560, -38.2520

Conversions

Conversions Part 2

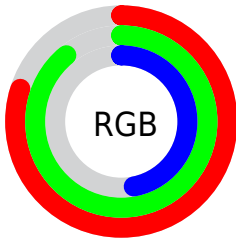
Format	Color
RYB	119, 227, 141
Decimal	13493111
CIELab	86.63, -23.25, 49.94
CIELCh	87, 55.091, 114.968
Yxy	69.2492, 0.3656, 0.4523
Android (android.graphics.Color)	4291683191 (0xFFCDE377)
YUV	208.1100, -43.9312, -2.7275
Hunter-Lab	83.2161, -25.5608, 38.3870

Details

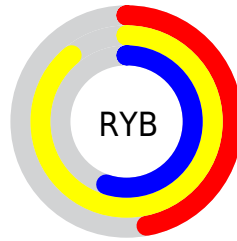
The Yxy color **69.2492, 0.3656, 0.4523** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.4172, 0.2391, 0.1855**, and the grayscale version is **63.4342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7971, 0.3614, 0.4095**, and **36.2999, 0.3740, 0.4821** is the 20% darker color. If you saturate the color by 10%, you get **68.1216, 0.3739, 0.4760**, and if you desaturate by 10%, it is **70.5328, 0.3557, 0.4266**.

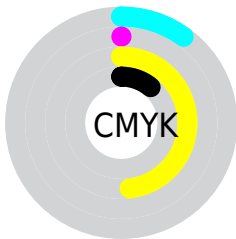
Distribution



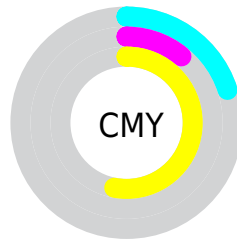
- Red (80%)
- Green (89%)
- Blue (47%)



- Red (47%)
- Yellow (89%)
- Blue (55%)



- Cyan (10%)
- Magenta (0%)
- Yellow (48%)
- Black (11%)




- Cyan (20%)
- Magenta (11%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2492, 0.3656, 0.4523 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 69.2492, 0.3656, 0.4523 by changing the saturation by 10% instead.

 69.2492, 0.3656,
0.4523

 69.2492, 0.3656,
0.4523


457.9094, 0.3435,
0.3936


 50.9147, 0.3697,
0.4657

 118.1374, 0.3586,
0.4319

 36.1407, 0.3742,
0.4821


 149.4599, 0.3557,
0.4239

 24.5429, 0.3788,
0.5024


 185.8806, 0.3531,
0.4171

 15.7368, 0.3829,
0.5279

227.7837, 0.3508,
0.4111

 9.3381, 0.3847,
0.5599

275.5538, 0.3487,
0.4059

 4.9624, 0.3878,
0.6122

329.5752, 0.3468,

 2.2252, 0.3559,

0.4013

0.6441

390.2322, 0.3451,
0.3973

0.7337, 0.1502,
0.8498

0.0000, 0.0000,
0.0000

69.2492, 0.3656,
0.4523

69.2492, 0.3656,
0.4523

68.1216, 0.3739,
0.4760

70.5328, 0.3557,
0.4266

67.1310, 0.3801,
0.4966


71.9717, 0.3446,
0.4000


66.2698, 0.3839,
0.5131


73.5769, 0.3331,
0.3734


65.5251, 0.3850,
0.5250

75.3558, 0.3214,
0.3476


 64.8798, 0.3837,
0.5324

 77.3153, 0.3100,
0.3232

 64.7309, 0.3832,
0.5339

 79.4462, 0.2991,
0.3006

 80.2346, 0.3022,
0.3009

 81.0436, 0.3053,
0.3012

 81.8733, 0.3084,
0.3014

Harmonies

Analogous

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



69.2492, 0.4197, 0.4275



69.2492, 0.3656, 0.4523



69.2492, 0.3004, 0.4364

Triad

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



69.2492, 0.3656, 0.4523



69.2492, 0.1945, 0.2556



69.2492, 0.3824, 0.2833

Complementary

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



69.2492, 0.3656, 0.4523



24.4172, 0.2391, 0.1855

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.



69.2492, 0.3137, 0.2466



69.2492, 0.3656, 0.4523



69.2492, 0.2105, 0.2289

Square

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



69.2492, 0.3656, 0.4523



69.2492, 0.2048, 0.3086



69.2492, 0.2517, 0.2271



69.2492, 0.4333, 0.3307

Rectangle

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



69.2492, 0.3656, 0.4523



69.2492, 0.2596, 0.4011



69.2492, 0.2517, 0.2271



69.2492, 0.3601, 0.2695

Sweetspot

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



69.2523, 0.3656, 0.4523



96.5555, 0.3290, 0.3643



36.6065, 0.4307, 0.3545



20.5620, 0.3316, 0.3700



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.



69.2523, 0.3656, 0.4523



88.7033, 0.3738, 0.4756



62.8953, 0.3261, 0.4699



16.6610, 0.3236, 0.3524



37.7995, 0.3838, 0.5335



2.8309, 0.3892, 0.5291

Inverse Universe

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



24.4172, 0.2391, 0.1855



23.8107, 0.2205, 0.1531



30.3005, 0.2869, 0.2028



14.0280, 0.3012, 0.3049



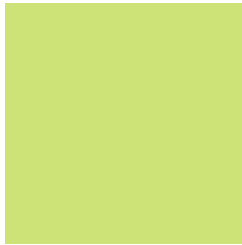
3.6168, 0.1603, 0.0657



0.3061, 0.1738, 0.0731

Previews

White Background



This preview shows how the Yxy color 69.2492, 0.3656, 0.4523 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 69.2492, 0.3656, 0.4523 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 69.2492, 0.3656, 0.4523

Background



This preview shows how black text looks on a background with the Yxy color 69.2492, 0.3656, 0.4523.

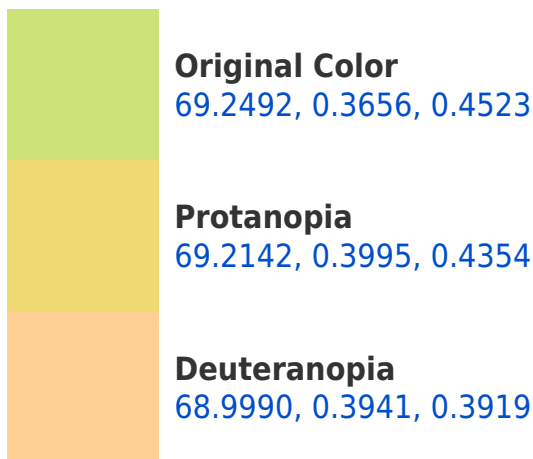


This preview shows how white text looks on a background with the Yxy color 69.2492, 0.3656, 0.4523.

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

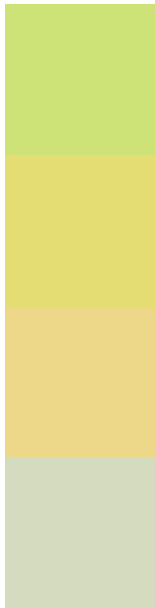




Tritanopia

68.7681, 0.3042, 0.3105

Trichromacy



Original Color

69.2492, 0.3656, 0.4523

Protanomaly

69.3048, 0.3873, 0.4423

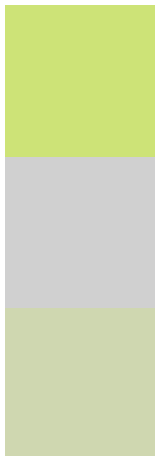
Deuteranomaly

68.9224, 0.3843, 0.4139

Tritanomaly

68.5269, 0.3279, 0.3621

Monochromacy



Original Color

69.2492, 0.3656, 0.4523

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

65.0009, 0.3337, 0.3748

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2492, 0.3656, 0.4523 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(205, 227, 119)` looks like.

```
.text, #text, p{  
    color:rgb(205, 227, 119)  
}
```

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(205, 227, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 227, 119) }
```

Border

The CSS property to change the border of an element to Yxy 69.2492, 0.3656, 0.4523 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(205, 227, 119) }
```

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

```
.border{ border-color:rgb(205, 227, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 227, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 227, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 227, 119);  
box-shadow:4px 4px 4px 4px rgb(205, 227,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2492, 0.3656, 0.4523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 227, 119) }
```

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

```
.background{ background-color: rgb(205,  
227, 119) }
```

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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