

Converting Colors

Yxy(67.4481, 0.3674, 0.4327)

Have a look what the booklet for
Yxy(67.4481, 0.3674, 0.4327)
contains.

Yxy(67.4707, 0.3677, 0.4327)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.4707, 0.3677, 0.4327)

Conversions

Conversions Part 1

Format	Color
Hex	D5DD82
RGB	213, 221, 130
RGB Percent	84%, 87%, 51%
CMY	0.1646, 0.1334, 0.4902
CMYK	0.04, 0.00, 0.41, 0.13
HSL	65°, 57%, 69%
HSV	65°, 41%, 87%
XYZ	57.3353, 67.4707, 31.1235
YIQ	208.2340, 24.4430, -29.9970

Conversions

Conversions Part 2

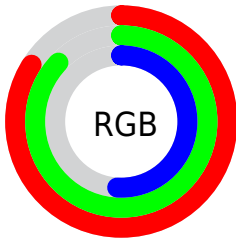
Format	Color
RYB	130, 221, 138
Decimal	14015874
CIELab	85.74, -16.07, 43.67
CIELCh	86, 46.531, 110.200
Yxy	67.4707, 0.3677, 0.4327
Android (android.graphics.Color)	4292205954 (0xFFD5DD82)
YUV	208.2340, -38.5694, 4.1798
Hunter-Lab	82.1406, -19.1504, 35.0331

Details

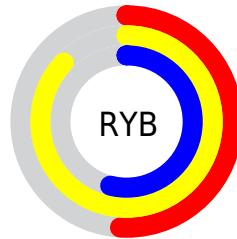
The Yxy color **67.4707, 0.3677, 0.4327** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.5889, 0.2424, 0.2046**, and the grayscale version is **63.4853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2407, 0.3550, 0.3988**, and **34.9906, 0.3788, 0.4583** is the 20% darker color. If you saturate the color by 10%, you get **66.6553, 0.3793, 0.4559**, and if you desaturate by 10%, it is **68.4231, 0.3549, 0.4078**.

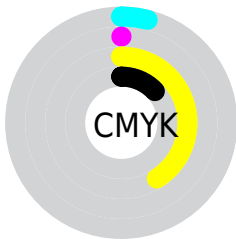
Distribution



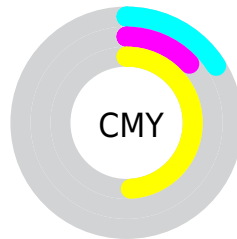
- Red (84%)
- Green (87%)
- Blue (51%)



- Red (51%)
- Yellow (87%)
- Blue (54%)



- Cyan (4%)
- Magenta (0%)
- Yellow (41%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4707, 0.3677, 0.4327 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 67.4707, 0.3677, 0.4327 by changing the saturation by 10% instead.


 67.4707, 0.3677,
0.4327


 67.4707, 0.3677,
0.4327

451.6184, 0.3436,
0.3834

 49.4672, 0.3726,
0.4440

 115.5946, 0.3598,
0.4155

 34.9903, 0.3783,
0.4578


 146.4839, 0.3565,
0.4089

 23.6554, 0.3848,
0.4751


 182.4372, 0.3537,
0.4031

 15.0782, 0.3919,
0.4971

223.8389, 0.3512,
0.3981

 8.8743, 0.3988,
0.5251

271.0736, 0.3490,
0.3938

 4.6593, 0.4153,
0.5785

324.5254, 0.3470,

 2.0488, 0.3952,

0.3899

0.6048

384.5789, 0.3452,
0.3865

0.6356, 0.2500,
0.7500

0.0000, 0.0000,
0.0000

67.4707, 0.3677,
0.4327

67.4707, 0.3677,
0.4327

66.6553, 0.3793,
0.4559

68.4231, 0.3549,
0.4078

65.9595, 0.3890,
0.4763


69.5109, 0.3414,
0.3821


65.3771, 0.3965,
0.4930


70.7439, 0.3277,
0.3566

64.8975, 0.4013,
0.5055


72.1288, 0.3143,
0.3318


 64.5083, 0.4036,
0.5135

 73.6716, 0.3013,
0.3083

 64.2207, 0.4039,
0.5175

 74.8782, 0.2937,
0.2938

 75.1898, 0.2950,
0.2940

 75.5050, 0.2962,
0.2941

 75.8236, 0.2975,
0.2942

Harmonies

Analogous

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



67.4707, 0.4107, 0.4096



67.4707, 0.3677, 0.4327



67.4707, 0.3121, 0.4238

Triad

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



67.4707, 0.3677, 0.4327



67.4707, 0.2098, 0.2725



67.4707, 0.3635, 0.2838

Complementary

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



67.4707, 0.3677, 0.4327



26.5889, 0.2424, 0.2046

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.



67.4707, 0.3048, 0.2535



67.4707, 0.3677, 0.4327



67.4707, 0.2203, 0.2448

Square

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



67.4707, 0.3677, 0.4327



67.4707, 0.2231, 0.3215



67.4707, 0.2533, 0.2392



67.4707, 0.4103, 0.3247

Rectangle

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



67.4707, 0.3677, 0.4327



67.4707, 0.2757, 0.3977



67.4707, 0.2533, 0.2392



67.4707, 0.3442, 0.2722

Sweetspot

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



67.4738, 0.3677, 0.4327



97.6797, 0.3290, 0.3589



35.0437, 0.4141, 0.3384



20.8574, 0.3308, 0.3623



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.



67.4738, 0.3677, 0.4327



92.3797, 0.3773, 0.4519



61.6379, 0.3329, 0.4458



15.2030, 0.3253, 0.3522



37.3343, 0.4042, 0.5173



2.4360, 0.4068, 0.5152

Inverse Universe

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



26.5889, 0.2424, 0.2046



28.8590, 0.2256, 0.1759



31.2662, 0.2815, 0.2169



12.6713, 0.2994, 0.3049



3.1355, 0.1530, 0.0617



0.2224, 0.1615, 0.0663

Previews

White Background



This preview shows how the Yxy color 67.4707, 0.3677, 0.4327 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 67.4707, 0.3677, 0.4327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

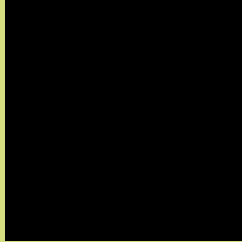
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.4707, 0.3677, 0.4327

Background



This preview shows how black text looks on a background with the Yxy color 67.4707, 0.3677, 0.4327.



This preview shows how white text looks on a background with the Yxy color 67.4707, 0.3677, 0.4327.

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

67.4707, 0.3677, 0.4327

Protanopia

67.1179, 0.3895, 0.4229

Deuteranopia

66.9058, 0.3996, 0.3930



Tritanopia

67.4315, 0.3121, 0.3117

Trichromacy



Original Color

67.4707, 0.3677, 0.4327

Protanomaly

67.3530, 0.3810, 0.4271

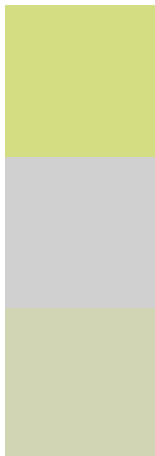
Deuteranomaly

66.9488, 0.3883, 0.4073

Tritanomaly

67.0704, 0.3332, 0.3550

Monochromacy



Original Color

67.4707, 0.3677, 0.4327

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.5854, 0.3335, 0.3675

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4707, 0.3677, 0.4327 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, 221, 130)` looks like.

```
.text, #text, p{  
    color:rgb(213, 221, 130)  
}
```

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, 221, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 221, 130) }
```

Border

The CSS property to change the border of an element to Yxy 67.4707, 0.3677, 0.4327 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, 221, 130) }
```

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

```
.border{ border-color:rgb(213, 221, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 221, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 221, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 221, 130);  
box-shadow:4px 4px 4px 4px rgb(213, 221,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4707, 0.3677, 0.4327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 221, 130) }
```

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

```
.background{ background-color: rgb(213,  
221, 130) }
```

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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