

Converting Colors

Yxy(66.2505, 0.3307, 0.4284)

Have a look what the booklet for
Yxy(66.2505, 0.3307, 0.4284)
contains.

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Color

Yxy(66.0517, 0.3304, 0.4281)

Conversions

Conversions Part 1

Format	Color
Hex	B3E292
RGB	179, 226, 146
RGB Percent	70%, 89%, 57%
CMY	0.2980, 0.1137, 0.4274
CMYK	0.21, 0.00, 0.35, 0.11
HSL	95°, 58%, 73%
HSV	95°, 35%, 89%
XYZ	50.9775, 66.0517, 37.2611
YIQ	202.8270, -2.3320, -34.8440

Conversions

Conversions Part 2

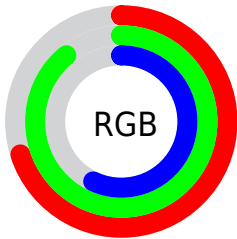
Format	Color
RYB	146, 226, 193
Decimal	11788946
CIELab	85.02, -29.20, 34.28
CIElCh	85, 45.036, 130.423
Yxy	66.0517, 0.3304, 0.4281
Android (android.graphics.Color)	4289979026 (0xFFB3E292)
YUV	202.8270, -28.0157, -20.8963
Hunter-Lab	81.2722, -30.2632, 29.7077

Details

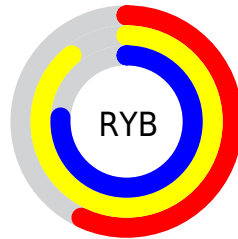
The Yxy color **66.0517, 0.3304, 0.4281** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **37.3911, 0.2873, 0.2335**, and the grayscale version is **59.7902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5699, 0.3322, 0.3842**, and **33.9176, 0.3332, 0.4547** is the 20% darker color. If you saturate the color by 10%, you get **63.9125, 0.3340, 0.4593**, and if you desaturate by 10%, it is **68.4880, 0.3259, 0.3977**.

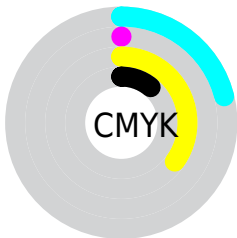
Distribution



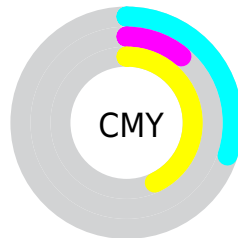
- Red (70%)
- Green (89%)
- Blue (57%)



- Red (57%)
- Yellow (89%)
- Blue (76%)



- Cyan (21%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)





- Cyan (30%)
- Magenta (11%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0517, 0.3304, 0.4281 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 66.0517, 0.3304, 0.4281 by changing the saturation by 10% instead.


 66.0517, 0.3304,
0.4281


 66.0517, 0.3304,
0.4281


446.5618, 0.3236,
0.3794

 48.3144, 0.3315,
0.4399


 113.5605, 0.3284,
0.4107

 34.0759, 0.3326,
0.4547

 144.1008, 0.3275,
0.4040

 22.9519, 0.3335,
0.4739

179.6776, 0.3267,
0.3984

 14.5580, 0.3337,
0.4997

220.6751, 0.3259,
0.3935

 8.5098, 0.3320,
0.5355

267.4780, 0.3253,
0.3893

 4.4228, 0.3267,
0.5906

320.4704, 0.3246,

 1.9128, 0.3122,

0.3856

0.6878

380.0369, 0.3241,
0.3823

0.5561, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

66.0517, 0.3304,
0.4281

66.0517, 0.3304,
0.4281

63.9125, 0.3340,
0.4593

68.4880, 0.3259,
0.3977

62.0493, 0.3362,
0.4901


71.2245, 0.3209,
0.3689

60.4514, 0.3368,
0.5186


74.2749, 0.3156,
0.3423


59.1038, 0.3355,
0.5434


77.6498, 0.3103,
0.3182

 57.9896, 0.3322,
0.5627

 81.0976, 0.3075,
0.3003

 57.0890, 0.3272,
0.5759

 82.8738, 0.3140,
0.3009

 56.7331, 0.3247,
0.5804

Harmonies

Analogous

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



66.0517, 0.3822, 0.4256



66.0517, 0.3304, 0.4281



66.0517, 0.2764, 0.3955

Triad

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



66.0517, 0.3304, 0.4281



66.0517, 0.2165, 0.2532



66.0517, 0.3955, 0.3111

Complementary

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



66.0517, 0.3304, 0.4281



37.3911, 0.2873, 0.2335

Split Complementary

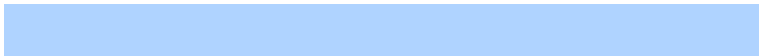
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.0517, 0.3439, 0.2737



66.0517, 0.3304, 0.4281



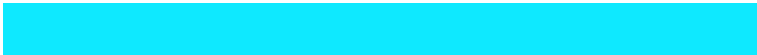
66.0517, 0.2419, 0.2408

Square

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



66.0517, 0.3304, 0.4281



66.0517, 0.2138, 0.2876



66.0517, 0.2872, 0.2487



66.0517, 0.4229, 0.3545

Rectangle

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



66.0517, 0.3304, 0.4281



66.0517, 0.2464, 0.3597



66.0517, 0.2872, 0.2487



66.0517, 0.3801, 0.2977

Sweetspot

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



66.0546, 0.3304, 0.4281



95.3308, 0.3186, 0.3571



56.2405, 0.3781, 0.3828



20.2892, 0.3193, 0.3608



0.0000, 0.0000, 0.0000



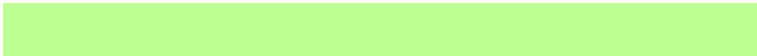
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.0546, 0.3304, 0.4281



84.8721, 0.3330, 0.4496



62.7954, 0.3039, 0.4262



15.6120, 0.3178, 0.3528



32.4313, 0.3258, 0.5795



2.2995, 0.3380, 0.5699

Inverse Universe

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



37.3911, 0.2873, 0.2335



42.1905, 0.2808, 0.2137



41.8632, 0.3227, 0.2480



13.6391, 0.3072, 0.3054



6.0379, 0.2207, 0.0990



0.4706, 0.2358, 0.1073

Previews

White Background



This preview shows how the Yxy color 66.0517, 0.3304, 0.4281 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 66.0517, 0.3304, 0.4281 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 66.0517, 0.3304, 0.4281

Background



This preview shows how black text looks on a background with the Yxy color 66.0517, 0.3304, 0.4281.

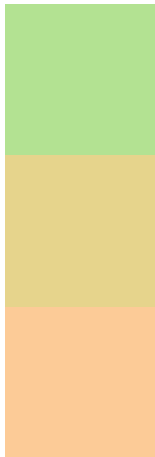


This preview shows how white text looks on a background with the Yxy color 66.0517, 0.3304, 0.4281.

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

66.0517, 0.3304, 0.4281

Protanopia

65.8034, 0.3783, 0.4087

Deuteranopia

65.6417, 0.3920, 0.3836



Tritanopia

65.6905, 0.2852, 0.3084

Trichromacy



Original Color

66.0517, 0.3304, 0.4281



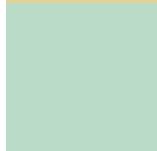
Protanomaly

65.4276, 0.3597, 0.4161



Deuteranomaly

64.7660, 0.3682, 0.3990



Tritanomaly

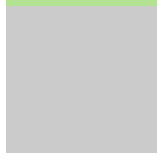
65.4449, 0.3019, 0.3505

Monochromacy



Original Color

66.0517, 0.3304, 0.4281



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

61.4353, 0.3200, 0.3642

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0517, 0.3304, 0.4281 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(179, 226, 146)` looks like.

```
.text, #text, p{  
    color:rgb(179, 226, 146)  
}
```

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(179, 226, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 226, 146) }
```

Border

The CSS property to change the border of an element to Yxy 66.0517, 0.3304, 0.4281 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(179, 226, 146) }
```

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

```
.border{ border-color:rgb(179, 226, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 226, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 226, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 226, 146);  
box-shadow:4px 4px 4px 4px rgb(179, 226,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0517, 0.3304, 0.4281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 226, 146) }
```

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

```
.background{ background-color: rgb(179,  
226, 146) }
```

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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