

Converting Colors

Yxy(65.1547, 0.3406, 0.4251)

Have a look what the booklet for
Yxy(65.1547, 0.3406, 0.4251)
contains.

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Color

Yxy(65.0445, 0.3405, 0.4254)

Conversions

Conversions Part 1

Format	Color
Hex	BDDE8F
RGB	189, 222, 143
RGB Percent	74%, 87%, 56%
CMY	0.2589, 0.1294, 0.4392
CMYK	0.15, 0.00, 0.36, 0.13
HSL	85°, 54%, 72%
HSV	85°, 36%, 87%
XYZ	52.0631, 65.0445, 35.7944
YIQ	203.1270, 5.6910, -31.5650

Conversions

Conversions Part 2

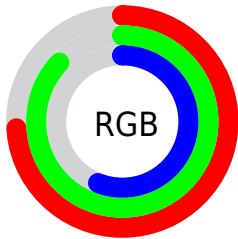
Format	Color
RYB	143, 222, 176
Decimal	12443279
CIELab	84.51, -24.11, 35.25
CIELCh	85, 42.713, 124.372
Yxy	65.0445, 0.3405, 0.4254
Android (android.graphics.Color)	4290633359 (0xFFBDDE8F)
YUV	203.1270, -29.6426, -12.3894
Hunter-Lab	80.6502, -25.9084, 30.1409

Details

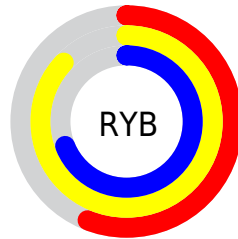
The Yxy color **65.0445, 0.3405, 0.4254** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **34.1492, 0.2753, 0.2298**, and the grayscale version is **59.9921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1440, 0.3412, 0.3871**, and **33.5437, 0.3461, 0.4517** is the 20% darker color. If you saturate the color by 10%, you get **63.2911, 0.3469, 0.4543**, and if you desaturate by 10%, it is **67.0127, 0.3332, 0.3966**.

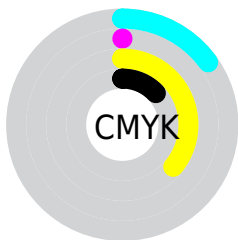
Distribution



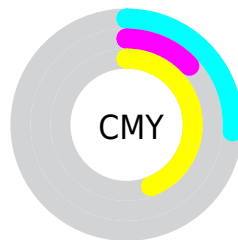
- Red (74%)
- Green (87%)
- Blue (56%)



- Red (56%)
- Yellow (87%)
- Blue (69%)



- Cyan (15%)
- Magenta (0%)
- Yellow (36%)
- Black (13%)




- Cyan (26%)
- Magenta (13%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0445, 0.3405, 0.4254 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 65.0445, 0.3405, 0.4254 by changing the saturation by 10% instead.


 65.0445, 0.3405,
0.4254

 65.0445, 0.3405,
0.4254


442.9519, 0.3288,
0.3783

 47.4972, 0.3428,
0.4367


 112.1138, 0.3367,
0.4086

 33.4289, 0.3453,
0.4509


 142.4046, 0.3352,
0.4022

 22.4552, 0.3480,
0.4692


177.7120, 0.3338,
0.3967

 14.1917, 0.3506,
0.4935

218.4204, 0.3326,
0.3920

 8.2541, 0.3521,
0.5269

264.9142, 0.3315,
0.3879

 4.2580, 0.3531,
0.5802

317.5778, 0.3305,

 1.8189, 0.3411,

0.3843

0.6589

376.7955, 0.3296,
0.3811

0.4989, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

65.0445, 0.3405,
0.4254

65.0445, 0.3405,
0.4254

63.2911, 0.3469,
0.4543

67.0127, 0.3332,
0.3966

61.7346, 0.3518,
0.4823


69.1956, 0.3253,
0.3689


60.3676, 0.3547,
0.5078


71.6043, 0.3172,
0.3428


59.1789, 0.3555,
0.5296


74.2462, 0.3092,
0.3186

 58.1554, 0.3538,
0.5465


 77.1287, 0.3015,
0.2966

 57.2815, 0.3498,
0.5581

 78.8169, 0.3071,
0.2963

 56.9324, 0.3477,
0.5621

 80.5245, 0.3135,
0.2969

 80.7268, 0.3142,
0.2970

Harmonies

Analogous

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



65.0445, 0.3878, 0.4173



65.0445, 0.3405, 0.4254



65.0445, 0.2881, 0.4008

Triad

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



65.0445, 0.3405, 0.4254



65.0445, 0.2182, 0.2616



65.0445, 0.3830, 0.3042

Complementary

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



65.0445, 0.3405, 0.4254



34.1492, 0.2753, 0.2298

Split Complementary

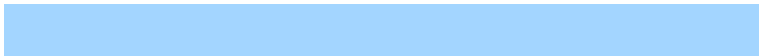
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.0445, 0.3314, 0.2701



65.0445, 0.3405, 0.4254



65.0445, 0.2384, 0.2453

Square

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



65.0445, 0.3405, 0.4254



65.0445, 0.2202, 0.2988



65.0445, 0.2784, 0.2490



65.0445, 0.4150, 0.3452

Rectangle

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



65.0445, 0.3405, 0.4254



65.0445, 0.2574, 0.3691



65.0445, 0.2784, 0.2490



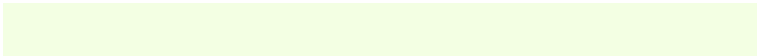
65.0445, 0.3671, 0.2917

Sweetspot

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



65.0474, 0.3405, 0.4254



96.1676, 0.3217, 0.3569



48.5319, 0.3838, 0.3682



20.4885, 0.3228, 0.3605



0.0000, 0.0000, 0.0000



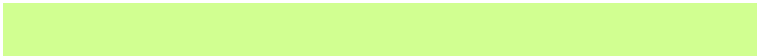
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0474, 0.3405, 0.4254



87.1567, 0.3455, 0.4479



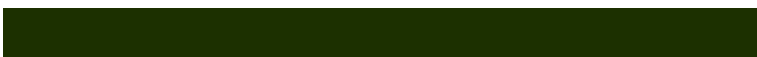
60.6739, 0.3121, 0.4345



15.7293, 0.3203, 0.3526



33.8807, 0.3487, 0.5614



2.4007, 0.3593, 0.5529

Inverse Universe

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



34.1492, 0.2753, 0.2298



38.6763, 0.2648, 0.2059



39.4289, 0.3108, 0.2395



13.5217, 0.3046, 0.3052



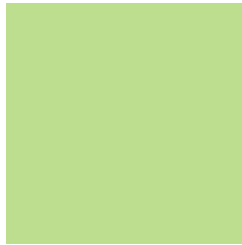
4.5697, 0.1878, 0.0808



0.3685, 0.2051, 0.0904

Previews

White Background



This preview shows how the Yxy color 65.0445, 0.3405, 0.4254 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 65.0445, 0.3405, 0.4254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

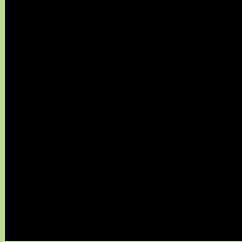
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.0445, 0.3405, 0.4254

Background



This preview shows how black text looks on a background with the Yxy color 65.0445, 0.3405, 0.4254.



This preview shows how white text looks on a background with the Yxy color 65.0445, 0.3405, 0.4254.

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

65.0445, 0.3405, 0.4254

Protanopia

64.5862, 0.3797, 0.4091

Deuteranopia

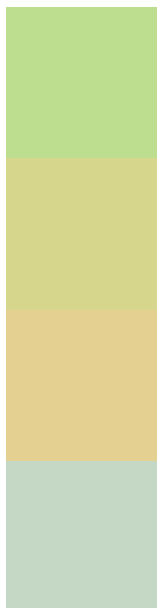
64.4206, 0.3943, 0.3848



Tritanopia

65.1059, 0.2943, 0.3108

Trichromacy



Original Color

65.0445, 0.3405, 0.4254

Protanomaly

64.2827, 0.3645, 0.4146

Deuteranomaly

64.1702, 0.3736, 0.3996

Tritanomaly

65.0133, 0.3117, 0.3514

Monochromacy



Original Color

65.0445, 0.3405, 0.4254

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

61.4351, 0.3239, 0.3639

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0445, 0.3405, 0.4254 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(189, 222, 143)` looks like.

```
.text, #text, p{  
    color:rgb(189, 222, 143)  
}
```

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(189, 222, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 222, 143) }
```

Border

The CSS property to change the border of an element to Yxy 65.0445, 0.3405, 0.4254 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(189, 222, 143) }
```

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

```
.border{ border-color:rgb(189, 222, 143) }
```

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

Here you see how a box with a 4 pixel rgb(189, 222, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 222, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 222, 143);  
box-shadow:4px 4px 4px 4px rgb(189, 222,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0445, 0.3405, 0.4254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 222, 143) }
```

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

```
.background{ background-color: rgb(189,  
222, 143) }
```

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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