

Converting Colors

$Yxy(65.8988, 0.3303, 0.3965)$

Have a look what the booklet for
Yxy(65.8988, 0.3303, 0.3965)
contains.

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Color

Yxy(65.8988, 0.3303, 0.3965)

Conversions

Conversions Part 1

Format	Color
Hex	C2DDA5
RGB	194, 221, 165
RGB Percent	76%, 87%, 65%
CMY	0.2392, 0.1333, 0.3531
CMYK	0.12, 0.00, 0.25, 0.13
HSL	89°, 45%, 76%
HSV	89°, 25%, 87%
XYZ	54.8963, 65.8988, 45.4062
YIQ	206.5430, 1.8840, -23.1400

Conversions

Conversions Part 2

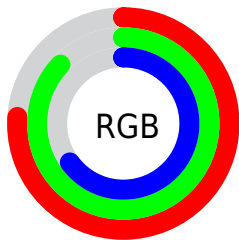
Format	Color
RYB	165, 221, 192
Decimal	12770725
CIELab	84.94, -18.71, 24.62
CIELCh	85, 30.925, 127.236
Yxy	65.8988, 0.3303, 0.3965
Android (android.graphics.Color)	4290960805 (0xFFC2DDA5)
YUV	206.5430, -20.4807, -11.0002
Hunter-Lab	81.1781, -21.3519, 23.6614

Details

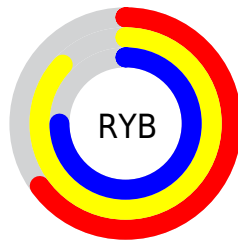
The Yxy color **65.8988, 0.3303, 0.3965** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.3188, 0.2909, 0.2613**, and the grayscale version is **62.2221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1965, 0.3307, 0.3634**, and **34.0401, 0.3336, 0.4140** is the 20% darker color. If you saturate the color by 10%, you get **63.8070, 0.3366, 0.4259**, and if you desaturate by 10%, it is **68.2363, 0.3235, 0.3684**.

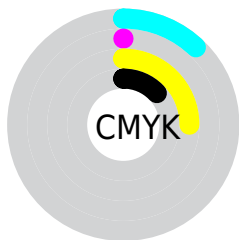
Distribution



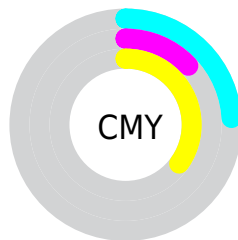
- Red (76%)
- Green (87%)
- Blue (65%)



- Red (65%)
- Yellow (87%)
- Blue (75%)



- Cyan (12%)
- Magenta (0%)
- Yellow (25%)
- Black (13%)





- Cyan (24%)
- Magenta (13%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8988, 0.3303, 0.3965 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 65.8988, 0.3303, 0.3965 by changing the saturation by 10% instead.

 65.8988, 0.3303,
0.3965

 65.8988, 0.3303,
0.3965


446.0149, 0.3226,
0.3637

 48.1903, 0.3319,
0.4044


 113.3411, 0.3278,
0.3848

 33.9776, 0.3337,
0.4143


 143.8436, 0.3267,
0.3804

 22.8764, 0.3359,
0.4271

179.3796, 0.3258,
0.3766

 14.5022, 0.3384,
0.4444

220.3334, 0.3251,
0.3733

 8.4708, 0.3410,
0.4687

267.0894, 0.3244,
0.3704

 4.3977, 0.3430,
0.5051

320.0321, 0.3237,

 1.8984, 0.3669,

0.3679

0.6075

379.5458, 0.3232,
0.3657

0.5474, 0.1039,
0.8961

0.0000, 0.0000,
0.0000

65.8988, 0.3303,
0.3965

65.8988, 0.3303,
0.3965

63.8070, 0.3366,
0.4259

68.2363, 0.3235,
0.3684

61.9429, 0.3418,
0.4557

70.8195, 0.3165,
0.3422


60.2997, 0.3457,
0.4847

73.6596, 0.3095,
0.3181


58.8662, 0.3478,
0.5115

76.7642, 0.3027,
0.2963


 57.6307, 0.3477,
0.5346

 78.7515, 0.3089,
0.2954

 56.5792, 0.3453,
0.5526

 80.1949, 0.3143,
0.2960

 55.6956, 0.3408,
0.5651

 55.3306, 0.3384,
0.5695

Harmonies

Analogous

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



65.8988, 0.3651, 0.3947



65.8988, 0.3303, 0.3965



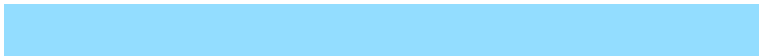
65.8988, 0.2921, 0.3767

Triad

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



65.8988, 0.3303, 0.3965



65.8988, 0.2435, 0.2785



65.8988, 0.3663, 0.3141

Complementary

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



65.8988, 0.3303, 0.3965



43.3188, 0.2909, 0.2613

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.



65.8988, 0.3305, 0.2874



65.8988, 0.3303, 0.3965



65.8988, 0.2604, 0.2668

Square

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



65.8988, 0.3303, 0.3965



65.8988, 0.2435, 0.3051



65.8988, 0.2916, 0.2704



65.8988, 0.3872, 0.3454

Rectangle

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



65.8988, 0.3303, 0.3965



65.8988, 0.2699, 0.3542



65.8988, 0.2916, 0.2704



65.8988, 0.3555, 0.3044

Sweetspot

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



65.9017, 0.3303, 0.3965



96.9391, 0.3184, 0.3491



55.4006, 0.3588, 0.3597



20.6313, 0.3195, 0.3530



0.0000, 0.0000, 0.0000



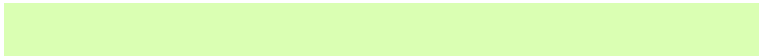
21.4041, 0.3127, 0.3290

Same Dimension

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



65.9017, 0.3303, 0.3965



89.6842, 0.3334, 0.4107



62.6276, 0.3106, 0.4007



14.9365, 0.3193, 0.3526



32.2090, 0.3395, 0.5687



2.1379, 0.3517, 0.5590

Inverse Universe

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



43.3188, 0.2909, 0.2613



53.7591, 0.2857, 0.2470



47.1996, 0.3140, 0.2659



12.9233, 0.3056, 0.3054



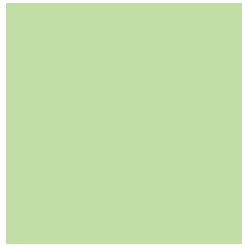
4.8949, 0.1992, 0.0871



0.3682, 0.2172, 0.0970

Previews

White Background



This preview shows how the Yxy color 65.8988, 0.3303, 0.3965 looks on a white background.

Color Contrast Check

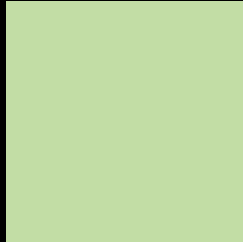
Large Text (above 18pt) WCAG AA × Fail

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 65.8988, 0.3303, 0.3965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

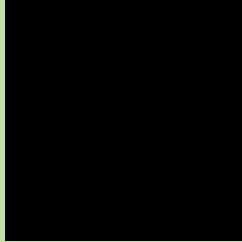
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.8988, 0.3303, 0.3965

Background



This preview shows how black text looks on a background with the Yxy color 65.8988, 0.3303, 0.3965.

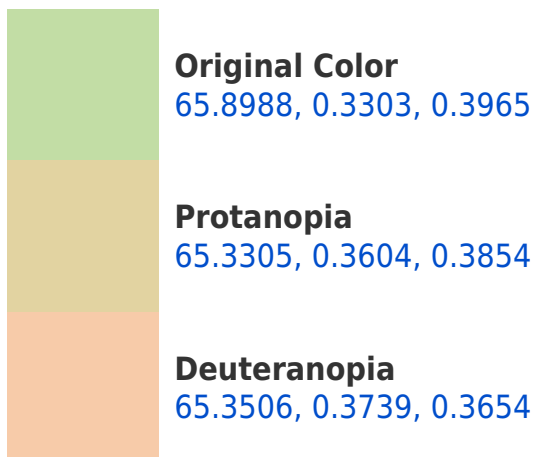


This preview shows how white text looks on a background with the Yxy color 65.8988, 0.3303, 0.3965.

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

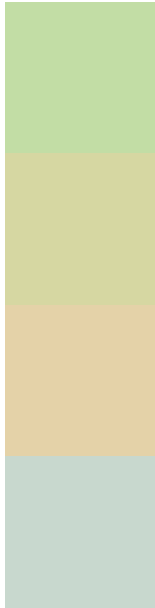




Tritanopia

66.0830, 0.2957, 0.3110

Trichromacy



Original Color

65.8988, 0.3303, 0.3965

Protanomaly

65.5057, 0.3489, 0.3904

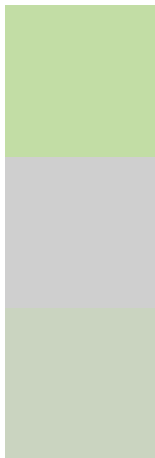
Deuteranomaly

65.4143, 0.3571, 0.3761

Tritanomaly

65.8473, 0.3078, 0.3406

Monochromacy



Original Color

65.8988, 0.3303, 0.3965

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.4493, 0.3191, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8988, 0.3303, 0.3965 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(194, 221, 165)` looks like.

```
.text, #text, p{  
    color:rgb(194, 221, 165)  
}
```

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(194, 221, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 221, 165) }
```

Border

The CSS property to change the border of an element to Yxy 65.8988, 0.3303, 0.3965 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(194, 221, 165) }
```

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

```
.border{ border-color:rgb(194, 221, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 221, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 221, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 221, 165); box-shadow:4px 4px 4px 4px rgb(194, 221, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8988, 0.3303, 0.3965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 221, 165) }
```

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

```
.background{ background-color: rgb(194,  
221, 165) }
```

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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