

Converting Colors

$Yxy(67.7917, 0.3207, 0.3607)$

Have a look what the booklet for
Yxy(67.7917, 0.3207, 0.3607)
contains.

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Color

Yxy(67.9713, 0.3205, 0.3614)

Conversions

Conversions Part 1

Format	Color
Hex	CDDCC0
RGB	205, 220, 192
RGB Percent	80%, 86%, 75%
CMY	0.1962, 0.1372, 0.2469
CMYK	0.07, 0.00, 0.13, 0.14
HSL	92°, 29%, 81%
HSV	92°, 13%, 86%
XYZ	60.2789, 67.9713, 59.8275
YIQ	212.3230, 0.0480, -11.8880

Conversions

Conversions Part 2

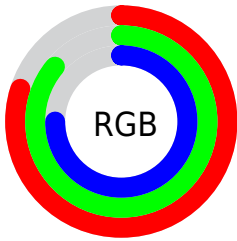
Format	Color
R _Y B	192, 220, 207
Decimal	13491392
CIE Lab	85.99, -10.04, 12.04
CIE LCh	86, 15.674, 129.829
Yxy	67.9713, 0.3205, 0.3614
Android (android.graphics.Color)	4291681472 (0xFFCDDCC0)
YUV	212.3230, -10.0192, -6.4223
Hunter-Lab	82.4447, -13.7691, 14.6864

Details

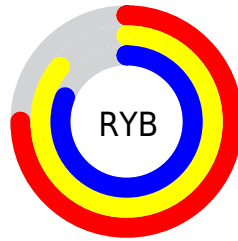
The Yxy color **67.9713, 0.3205, 0.3614** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.1567, 0.3040, 0.2968**, and the grayscale version is **66.1313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **35.3537, 0.3221, 0.3688** is the 20% darker color. If you saturate the color by 10%, you get **65.4512, 0.3264, 0.3893**, and if you desaturate by 10%, it is **70.7704, 0.3144, 0.3356**.

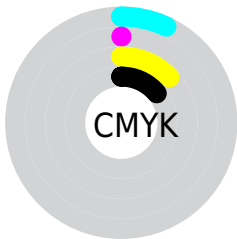
Distribution



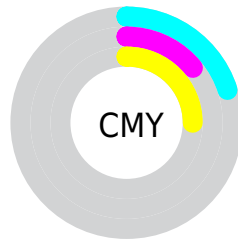
- Red (80%)
- Green (86%)
- Blue (75%)



- Red (75%)
- Yellow (86%)
- Blue (81%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)




- Cyan (20%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9713, 0.3205, 0.3614 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 67.9713, 0.3205, 0.3614 by changing the saturation by 10% instead.


 67.9713, 0.3205,
0.3614

 67.9713, 0.3205,
0.3614

453.3943, 0.3170,
0.3459

 49.8744, 0.3213,
0.3650


 116.3111, 0.3193,
0.3559

 35.3136, 0.3222,
0.3696


147.3227, 0.3188,
0.3538

 23.9045, 0.3234,
0.3755


183.4081, 0.3184,
0.3521

 15.2628, 0.3249,
0.3834

224.9516, 0.3181,
0.3505

 9.0041, 0.3268,
0.3945

272.3375, 0.3177,
0.3492

 4.7438, 0.3293,
0.4112

325.9504, 0.3175,

 2.0978, 0.3326,

0.3480

0.4390

386.1745, 0.3172,
0.3469

0.6634, 0.3675,
0.6325

0.0000, 0.0000,
0.0000

67.9713, 0.3205,
0.3614

67.9713, 0.3205,
0.3614

65.4512, 0.3264,
0.3893

70.7704, 0.3144,
0.3356

63.1920, 0.3319,
0.4189

73.8483, 0.3083,
0.3122

61.1868, 0.3366,
0.4494

77.0195, 0.3043,
0.2939

59.4251, 0.3400,
0.4796

79.1638, 0.3124,
0.2948

■ 57.8954, 0.3417,
0.5081

■ 79.6734, 0.3143,
0.2950

■ 56.5853, 0.3415,
0.5333

■ 55.4807, 0.3392,
0.5536

■ 54.5651, 0.3348,
0.5681

■ 53.9998, 0.3308,
0.5755

Harmonies

Analogous

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



67.9713, 0.3382, 0.3624



67.9713, 0.3205, 0.3614



67.9713, 0.3012, 0.3509

Triad

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



67.9713, 0.3205, 0.3614



67.9713, 0.2774, 0.3029



67.9713, 0.3407, 0.3232

Complementary

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



67.9713, 0.3205, 0.3614



56.1567, 0.3040, 0.2968

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.



67.9713, 0.3237, 0.3085



67.9713, 0.3205, 0.3614



67.9713, 0.2873, 0.2968

Square

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



67.9713, 0.3205, 0.3614



67.9713, 0.2767, 0.3164



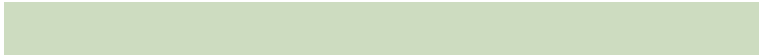
67.9713, 0.3040, 0.2989



67.9713, 0.3502, 0.3397

Rectangle

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



67.9713, 0.3205, 0.3614



67.9713, 0.2899, 0.3401



67.9713, 0.3040, 0.2989



67.9713, 0.3357, 0.3179

Sweetspot

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



67.9742, 0.3205, 0.3614



98.3347, 0.3152, 0.3389



63.6280, 0.3335, 0.3460



20.9822, 0.3157, 0.3408



0.0000, 0.0000, 0.0000



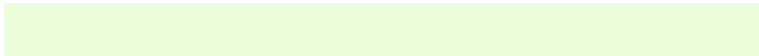
21.4041, 0.3127, 0.3290

Same Dimension

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



67.9742, 0.3205, 0.3614



94.0817, 0.3220, 0.3679



66.2522, 0.3105, 0.3612



14.8996, 0.3185, 0.3527



31.7524, 0.3319, 0.5747



2.1080, 0.3447, 0.5645

Inverse Universe

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



56.1567, 0.3040, 0.2968



74.7769, 0.3022, 0.2903



58.0483, 0.3149, 0.2988



12.9603, 0.3065, 0.3054



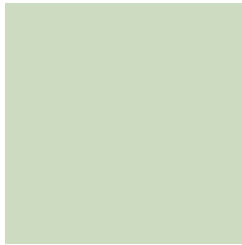
5.3734, 0.2103, 0.0932



0.3992, 0.2274, 0.1027

Previews

White Background



This preview shows how the Yxy color 67.9713, 0.3205, 0.3614 looks on a white background.

Color Contrast Check

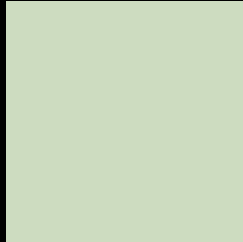
Large Text (above 18pt) WCAG AA × Fail

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 67.9713, 0.3205, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

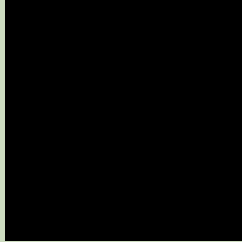
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

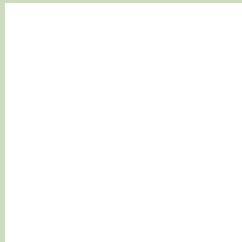
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9713, 0.3205, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 67.9713, 0.3205, 0.3614.

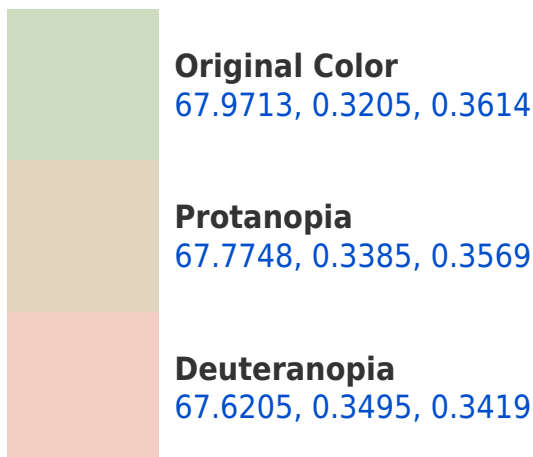


This preview shows how white text looks on a background with the Yxy color 67.9713, 0.3205, 0.3614.

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

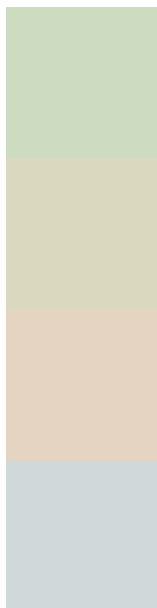




Tritanopia

67.7115, 0.2993, 0.3102

Trichromacy



Original Color

67.9713, 0.3205, 0.3614

Protanomaly

67.7349, 0.3321, 0.3584

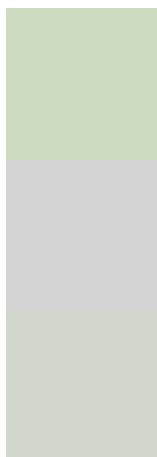
Deuteranomaly

67.6400, 0.3383, 0.3489

Tritanomaly

67.6768, 0.3070, 0.3279

Monochromacy



Original Color

67.9713, 0.3205, 0.3614

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.5640, 0.3151, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9713, 0.3205, 0.3614 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, 220, 192)` looks like.

```
.text, #text, p{  
    color:rgb(205, 220, 192)  
}
```

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, 220, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 220, 192) }
```

Border

The CSS property to change the border of an element to Yxy 67.9713, 0.3205, 0.3614 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, 220, 192) }
```

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

```
.border{ border-color:rgb(205, 220, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 220, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 220, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 220, 192);  
box-shadow:4px 4px 4px 4px rgb(205, 220,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9713, 0.3205, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 220, 192) }
```

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

```
.background{ background-color: rgb(205,  
220, 192) }
```

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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