

Converting Colors

Yxy(67.4417, 0.3317, 0.3636)

Have a look what the booklet for
Yxy(67.4417, 0.3317, 0.3636)
contains.

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Color

Yxy(67.5097, 0.3310, 0.3633)

Conversions

Conversions Part 1

Format	Color
Hex	D6D9BB
RGB	214, 217, 187
RGB Percent	84%, 85%, 73%
CMY	0.1609, 0.1490, 0.2666
CMYK	0.01, 0.00, 0.14, 0.15
HSL	66°, 28%, 79%
HSV	66°, 14%, 85%
XYZ	61.5076, 67.5097, 56.8063
YIQ	212.6830, 7.8420, -9.9660

Conversions

Conversions Part 2

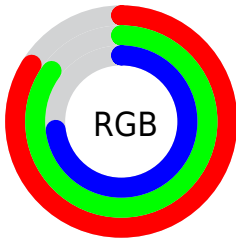
Format	Color
RYB	187, 217, 190
Decimal	14080443
CIELab	85.76, -6.14, 14.44
CIELCh	86, 15.696, 113.040
Yxy	67.5097, 0.3310, 0.3633
Android (android.graphics.Color)	4292270523 (0xFFD6D9BB)
YUV	212.6830, -12.6617, 1.1550
Hunter-Lab	82.1643, -10.1637, 16.5234

Details

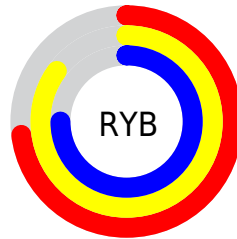
The Yxy color **67.5097, 0.3310, 0.3633** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.5088, 0.2930, 0.2928**, and the grayscale version is **66.3980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **34.9328, 0.3350, 0.3713** is the 20% darker color. If you saturate the color by 10%, you get **66.3231, 0.3444, 0.3890**, and if you desaturate by 10%, it is **68.8472, 0.3177, 0.3383**.

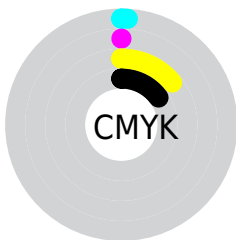
Distribution



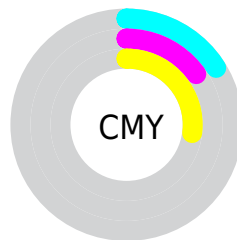
- Red (84%)
- Green (85%)
- Blue (73%)



- Red (73%)
- Yellow (85%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.5097, 0.3310, 0.3633 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 67.5097, 0.3310, 0.3633 by changing the saturation by 10% instead.


 67.5097, 0.3310,
0.3633

 67.5097, 0.3310,
0.3633


451.7569, 0.3225,
0.3470

 49.4990, 0.3329,
0.3671

 115.6505, 0.3281,
0.3576

 35.0154, 0.3353,
0.3719


146.5493, 0.3269,
0.3554

 23.6748, 0.3383,
0.3780


182.5129, 0.3259,
0.3535

 15.0925, 0.3422,
0.3862

223.9257, 0.3251,
0.3518

 8.8844, 0.3475,
0.3976

271.1721, 0.3243,
0.3504

 4.6658, 0.3550,
0.4145

324.6365, 0.3237,

 2.0526, 0.3662,

0.3491

384.7033, 0.3231,
0.3480

0.4421

0.6377, 0.4170,
0.5830

0.0000, 0.0000,
0.0000

67.5097, 0.3310,
0.3633

67.5097, 0.3310,
0.3633

66.3231, 0.3444,
0.3890

68.8472, 0.3177,
0.3383

65.2722, 0.3575,
0.4147

70.3325, 0.3048,
0.3145

64.3531, 0.3698,
0.4394

71.9743, 0.2927,
0.2922

63.5586, 0.3806,
0.4622

72.5061, 0.2924,
0.2895

62.8804, 0.3896,
0.4820

72.8578, 0.2938,
0.2896

62.3096, 0.3961,
0.4979

73.2141, 0.2953,
0.2898

61.8355, 0.4001,
0.5095

73.5750, 0.2968,
0.2900

61.4454, 0.4015,
0.5167

73.9405, 0.2983,
0.2902

61.2333, 0.4014,
0.5195

74.3106, 0.2998,
0.2903

Harmonies

Analogous

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



67.5097, 0.3455, 0.3589



67.5097, 0.3310, 0.3633



67.5097, 0.3119, 0.3580

Triad

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



67.5097, 0.3310, 0.3633



67.5097, 0.2757, 0.3096



67.5097, 0.3319, 0.3145

Complementary

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



67.5097, 0.3310, 0.3633



51.5088, 0.2930, 0.2928

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.



67.5097, 0.3126, 0.3023



67.5097, 0.3310, 0.3633



67.5097, 0.2806, 0.2991

Square

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



67.5097, 0.3310, 0.3633



67.5097, 0.2803, 0.3261



67.5097, 0.2939, 0.2966



67.5097, 0.3462, 0.3305

Rectangle

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



67.5097, 0.3310, 0.3633



67.5097, 0.2992, 0.3494



67.5097, 0.2939, 0.2966



67.5097, 0.3258, 0.3098

Sweetspot

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



67.5127, 0.3310, 0.3633



99.1645, 0.3180, 0.3388



55.1729, 0.3376, 0.3326



21.1925, 0.3190, 0.3407



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.



67.5127, 0.3310, 0.3633



96.6908, 0.3355, 0.3718



65.3648, 0.3198, 0.3645



15.1932, 0.3251, 0.3522



37.0887, 0.4017, 0.5193



2.4226, 0.4047, 0.5168

Inverse Universe

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



51.5088, 0.2930, 0.2928



68.7387, 0.2877, 0.2831



53.5355, 0.3047, 0.2940



12.6801, 0.2997, 0.3049



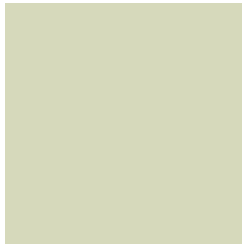
3.1574, 0.1537, 0.0620



0.2265, 0.1633, 0.0673

Previews

White Background



This preview shows how the Yxy color 67.5097, 0.3310, 0.3633 looks on a white background.

Color Contrast Check

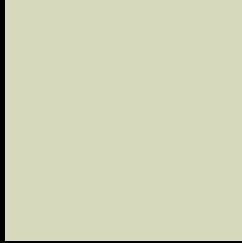
Large Text (above 18pt) WCAG AA × Fail

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 67.5097, 0.3310, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

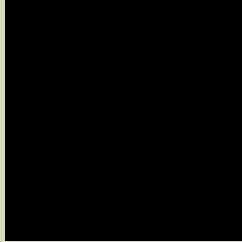
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

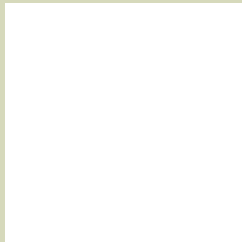
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5097, 0.3310, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 67.5097, 0.3310, 0.3633.



This preview shows how white text looks on a background with the Yxy color 67.5097, 0.3310, 0.3633.

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

67.5097, 0.3310, 0.3633

Protanopia

67.6035, 0.3414, 0.3614

Deuteranopia

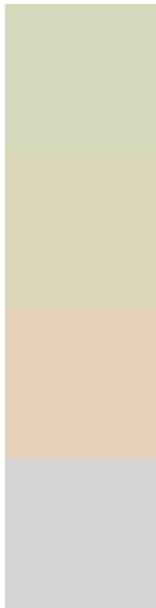
67.0498, 0.3551, 0.3473



Tritanopia

67.4056, 0.3077, 0.3105

Trichromacy



Original Color

67.5097, 0.3310, 0.3633

Protanomaly

67.5182, 0.3374, 0.3617

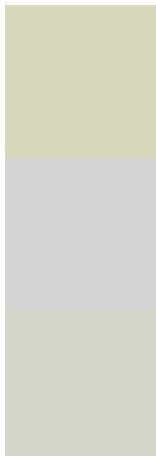
Deuteranomaly

67.0477, 0.3462, 0.3532

Tritanomaly

67.2980, 0.3164, 0.3290

Monochromacy



Original Color

67.5097, 0.3310, 0.3633

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.5989, 0.3188, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5097, 0.3310, 0.3633 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(214, 217, 187)` looks like.

```
.text, #text, p{  
    color:rgb(214, 217, 187)  
}
```

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(214, 217, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 217, 187) }
```

Border

The CSS property to change the border of an element to Yxy 67.5097, 0.3310, 0.3633 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(214, 217, 187) }
```

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

```
.border{ border-color:rgb(214, 217, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 217, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 217, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 217, 187);  
box-shadow:4px 4px 4px 4px rgb(214, 217,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5097, 0.3310, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 217, 187) }
```

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

```
.background{ background-color: rgb(214,  
217, 187) }
```

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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