

Converting Colors

Yxy(66.9083, 0.3408, 0.3370)

Have a look what the booklet for
Yxy(66.9083, 0.3408, 0.3370)
contains.

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Color

Yxy(66.8003, 0.3410, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	EDCFC8
RGB	237, 207, 200
RGB Percent	93%, 81%, 78%
CMY	0.0705, 0.1883, 0.2156
CMYK	0.00, 0.13, 0.16, 0.07
HSL	11°, 51%, 86%
HSV	11°, 16%, 93%
XYZ	67.6735, 66.8003, 63.9822
YIQ	215.1720, 20.1270, 4.1830

Conversions

Conversions Part 2

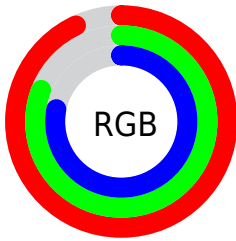
Format	Color
R _Y B	237, 209, 200
Decimal	15585224
CIE Lab	85.40, 9.39, 7.31
CIE LCh	85, 11.905, 37.908
Yxy	66.8003, 0.3410, 0.3366
Android (android.graphics.Color)	4293775304 (0xFFEDCF8)
YUV	215.1720, -7.4798, 19.1432
Hunter-Lab	81.7315, 4.7677, 10.7977

Details

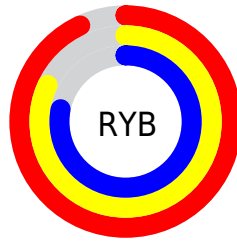
The Yxy color **66.8003, 0.3410, 0.3366** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.0280, 0.2887, 0.3213**, and the grayscale version is **68.1238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.6815, 0.3483, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **57.0185, 0.3641, 0.3418**, and if you desaturate by 10%, it is **77.8959, 0.3219, 0.3316**.

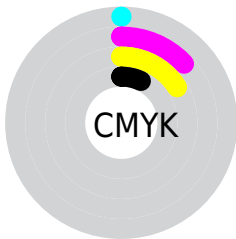
Distribution



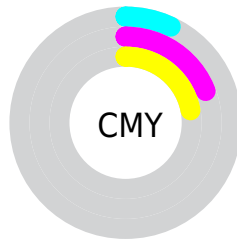
- Red (93%)
- Green (81%)
- Blue (78%)



- Red (93%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (13%)
- Yellow (16%)
- Black (7%)





- Cyan (7%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.8003, 0.3410, 0.3366 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 66.8003, 0.3410, 0.3366 by changing the saturation by 10% instead.


 66.8003, 0.3410,
0.3366

 66.8003, 0.3410,
0.3366


449.2336, 0.3276,
0.3332

 48.9224, 0.3441,
0.3374


114.6342, 0.3363,
0.3354

 34.5579, 0.3480,
0.3383


145.3590, 0.3345,
0.3350

 23.3225, 0.3531,
0.3394


181.1348, 0.3329,
0.3346

 14.8318, 0.3597,
0.3409

222.3461, 0.3316,
0.3342

 8.7014, 0.3690,
0.3428

269.3772, 0.3304,
0.3339

 4.5470, 0.3828,
0.3453

322.6126, 0.3294,

 1.9840, 0.4055,

0.3336

0.3488

382.4366, 0.3284,
0.3334

0.5981, 0.5194,
0.3894

0.0000, 0.0000,
0.0000

66.8003, 0.3410,
0.3366

66.8003, 0.3410,
0.3366

57.0185, 0.3641,
0.3418

77.8959, 0.3219,
0.3316

48.4928, 0.3920,
0.3471

90.3422, 0.3062,
0.3270

41.1748, 0.4249,
0.3521

96.7506, 0.3018,
0.3290

35.0092, 0.4628,
0.3562

■ 29.9364, 0.5043,
0.3586

■ 25.8916, 0.5464,
0.3583

■ 22.8024, 0.5841,
0.3546

■ 20.5866, 0.6125,
0.3476

■ 19.8601, 0.6219,
0.3444

Harmonies

Analogous

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



66.8003, 0.3334, 0.3238



66.8003, 0.3410, 0.3366



66.8003, 0.3408, 0.3478

Triad

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



66.8003, 0.3410, 0.3366



66.8003, 0.3049, 0.3463



66.8003, 0.2926, 0.3044

Complementary

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



66.8003, 0.3410, 0.3366



75.0280, 0.2887, 0.3213

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.



66.8003, 0.2853, 0.3096



66.8003, 0.3410, 0.3366



66.8003, 0.2923, 0.3339

Square

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



66.8003, 0.3410, 0.3366



66.8003, 0.3197, 0.3538



66.8003, 0.2853, 0.3203



66.8003, 0.3052, 0.3055

Rectangle

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



66.8003, 0.3410, 0.3366



66.8003, 0.3363, 0.3528



66.8003, 0.2853, 0.3203



66.8003, 0.2894, 0.3054

Sweetspot

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



66.8033, 0.3410, 0.3366



92.7798, 0.3209, 0.3314



65.0558, 0.3194, 0.2972



19.6485, 0.3221, 0.3317



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

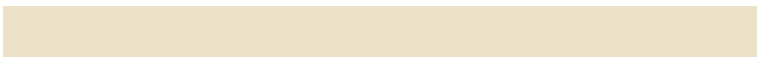
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.8033, 0.3410, 0.3366



74.6883, 0.3485, 0.3384



76.2020, 0.3380, 0.3559



15.5130, 0.3288, 0.3335



10.9795, 0.6195, 0.3463



0.9908, 0.5942, 0.3664

Inverse Universe

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



75.0280, 0.2887, 0.3213



86.2563, 0.2836, 0.3194



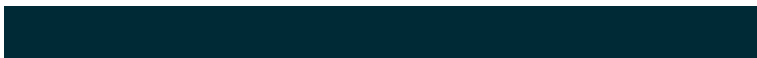
65.3567, 0.2879, 0.3006



16.6115, 0.2981, 0.3245



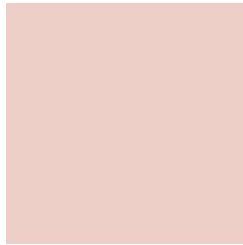
24.1908, 0.2077, 0.2676



2.0239, 0.2103, 0.2771

Previews

White Background



This preview shows how the Yxy color 66.8003, 0.3410, 0.3366 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 66.8003, 0.3410, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

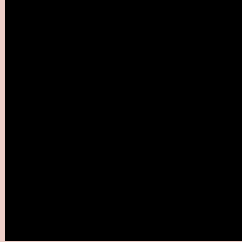
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.8003, 0.3410, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 66.8003, 0.3410, 0.3366.



This preview shows how white text looks on a background with the Yxy color 66.8003, 0.3410, 0.3366.

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

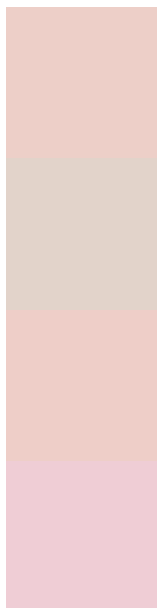
	Original Color 66.8003, 0.3410, 0.3366
	Protanopia 67.1159, 0.3249, 0.3402
	Deuteranopia 66.6635, 0.3427, 0.3355



Tritanopia

66.8783, 0.3288, 0.3122

Trichromacy



Original Color

66.8003, 0.3410, 0.3366

Protanomaly

67.0216, 0.3304, 0.3390

Deuteranomaly

66.4899, 0.3419, 0.3355

Tritanomaly

66.8175, 0.3331, 0.3206

Monochromacy



Original Color

66.8003, 0.3410, 0.3366

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.4281, 0.3223, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8003, 0.3410, 0.3366 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(237, 207, 200)` looks like.

```
.text, #text, p{  
    color:rgb(237, 207, 200)  
}
```

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(237, 207, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 207, 200) }
```

Border

The CSS property to change the border of an element to Yxy 66.8003, 0.3410, 0.3366 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(237, 207, 200) }
```

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

```
.border{ border-color:rgb(237, 207, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 207, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 207, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 207, 200);  
box-shadow:4px 4px 4px 4px rgb(237, 207,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8003, 0.3410, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 207, 200) }
```

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

```
.background{ background-color: rgb(237,  
207, 200) }
```

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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