

Converting Colors

$Yxy(66.0995, 0.3365, 0.3299)$

Have a look what the booklet for
Yxy(66.0995, 0.3365, 0.3299)
contains.

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Color

Yxy(66.3833, 0.3366, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	ECCECD
RGB	236, 206, 205
RGB Percent	93%, 81%, 80%
CMY	0.0747, 0.1921, 0.1962
CMYK	0.00, 0.13, 0.13, 0.07
HSL	2°, 45%, 86%
HSV	2°, 13%, 93%
XYZ	67.6700, 66.3833, 66.9864
YIQ	214.8560, 18.2010, 6.0490

Conversions

Conversions Part 2

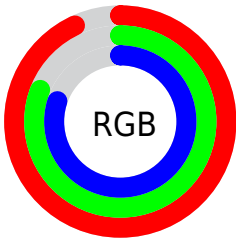
Format	Color
R _Y B	236, 206, 205
Decimal	15519437
CIE Lab	85.19, 10.30, 4.37
CIE LCh	85, 11.184, 22.987
Yxy	66.3833, 0.3366, 0.3302
Android (android.graphics.Color)	4293709517 (0xFFECCECD)
YUV	214.8560, -4.8590, 18.5433
Hunter-Lab	81.4759, 5.6705, 8.2872

Details

The Yxy color **66.3833, 0.3366, 0.3302** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.3941, 0.2926, 0.3278**, and the grayscale version is **67.8750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.3941, 0.3424, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **55.1383, 0.3600, 0.3312**, and if you desaturate by 10%, it is **79.3979, 0.3178, 0.3293**.

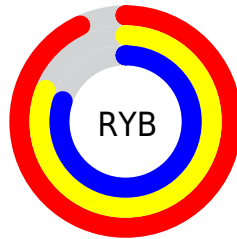
Distribution



Red (93%)

Green (81%)

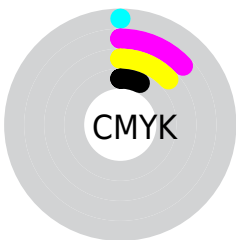
Blue (80%)



Red (93%)

Yellow (81%)

Blue (80%)

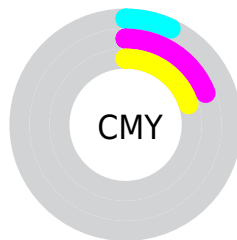


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (7%)



Cyan (7%)


Magenta (19%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3833, 0.3366, 0.3302 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 66.3833, 0.3366, 0.3302 by changing the saturation by 10% instead.


 66.3833, 0.3366,
0.3302

 66.3833, 0.3366,
0.3302


447.7464, 0.3253,
0.3297

 48.5836, 0.3392,
0.3303


114.0363, 0.3326,
0.3301

 34.2893, 0.3425,
0.3304


144.6584, 0.3311,
0.3300

 23.1159, 0.3468,
0.3305

180.3234, 0.3298,
0.3299

 14.6791, 0.3524,
0.3305

221.4158, 0.3287,
0.3299

 8.5945, 0.3603,
0.3306

268.3199, 0.3277,
0.3299

 4.4777, 0.3720,
0.3305

321.4201, 0.3268,

 1.9442, 0.3914,

0.3298

0.3300

381.1008, 0.3260,
0.3298

0.5747, 0.4712,
0.3395

0.0000, 0.0000,
0.0000

66.3833, 0.3366,
0.3302

66.3833, 0.3366,
0.3302

55.1383, 0.3600,
0.3312

79.3979, 0.3178,
0.3293

45.5782, 0.3891,
0.3322

94.2446, 0.3027,
0.3284

37.6245, 0.4245,
0.3332

96.5660, 0.3011,
0.3290

31.1891, 0.4663,
0.3340

■ 26.1754, 0.5128,
0.3345

■ 22.4757, 0.5598,
0.3344

■ 19.9670, 0.6005,
0.3335

■ 18.5030, 0.6280,
0.3321

■ 17.9995, 0.6383,
0.3314

Harmonies

Analogous

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



66.3833, 0.3265, 0.3185



66.3833, 0.3366, 0.3302



66.3833, 0.3402, 0.3419

Triad

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



66.3833, 0.3366, 0.3302



66.3833, 0.3122, 0.3495



66.3833, 0.2896, 0.3075

Complementary

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



66.3833, 0.3366, 0.3302



78.3941, 0.2926, 0.3278

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.



66.3833, 0.2860, 0.3153



66.3833, 0.3366, 0.3302



66.3833, 0.2989, 0.3398

Square

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



66.3833, 0.3366, 0.3302



66.3833, 0.3259, 0.3534



66.3833, 0.2894, 0.3271



66.3833, 0.2993, 0.3056

Rectangle

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



66.3833, 0.3366, 0.3302



66.3833, 0.3384, 0.3481



66.3833, 0.2894, 0.3271



66.3833, 0.2876, 0.3095

Sweetspot

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



66.3863, 0.3366, 0.3302



93.2333, 0.3193, 0.3294



67.4697, 0.3150, 0.2977



19.6918, 0.3206, 0.3294



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.



66.3863, 0.3366, 0.3302



75.0234, 0.3430, 0.3305



74.2094, 0.3344, 0.3466



15.1358, 0.3292, 0.3299



9.9630, 0.6376, 0.3320



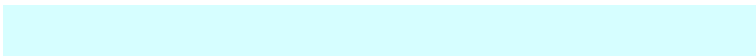
0.8113, 0.6308, 0.3373

Inverse Universe

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



78.3941, 0.2926, 0.3278



92.1873, 0.2883, 0.3275



69.9187, 0.2922, 0.3107



17.0292, 0.2981, 0.3282



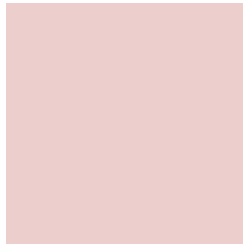
33.9651, 0.2218, 0.3184



2.6946, 0.2222, 0.3199

Previews

White Background



This preview shows how the Yxy color 66.3833, 0.3366, 0.3302 looks on a white background.

Color Contrast Check

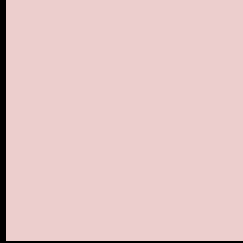
Large Text (above 18pt) WCAG AA × Fail

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 66.3833, 0.3366, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

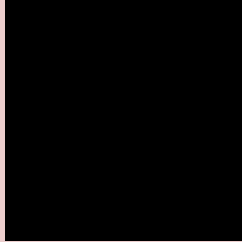
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.3833, 0.3366, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 66.3833, 0.3366, 0.3302.

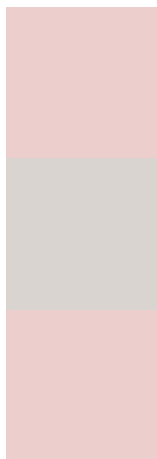


This preview shows how white text looks on a background with the Yxy color 66.3833, 0.3366, 0.3302.

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

66.3833, 0.3366, 0.3302

Protanopia

66.5465, 0.3199, 0.3335

Deuteranopia

66.3833, 0.3366, 0.3302



Tritanopia

66.5302, 0.3273, 0.3121

Trichromacy



Original Color

66.3833, 0.3366, 0.3302

Protanomaly

66.6057, 0.3261, 0.3323

Deuteranomaly

66.3833, 0.3366, 0.3302

Tritanomaly

66.5735, 0.3301, 0.3184

Monochromacy



Original Color

66.3833, 0.3366, 0.3302

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.4781, 0.3216, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3833, 0.3366, 0.3302 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(236, 206, 205)` looks like.

```
.text, #text, p{  
    color:rgb(236, 206, 205)  
}
```

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(236, 206, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 206, 205) }
```

Border

The CSS property to change the border of an element to Yxy 66.3833, 0.3366, 0.3302 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(236, 206, 205) }
```

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

```
.border{ border-color:rgb(236, 206, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 206, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 206, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 206, 205);  
box-shadow:4px 4px 4px 4px rgb(236, 206,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3833, 0.3366, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 206, 205) }
```

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

```
.background{ background-color: rgb(236,  
206, 205) }
```

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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