

Converting Colors

$Yxy(66.2887, 0.3401, 0.3336)$

Have a look what the booklet for
Yxy(66.2887, 0.3401, 0.3336)
contains.

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Color

Yxy(66.4114, 0.3396, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	EDCECA
RGB	237, 206, 202
RGB Percent	93%, 81%, 79%
CMY	0.0708, 0.1921, 0.2078
CMYK	0.00, 0.13, 0.15, 0.07
HSL	7°, 49%, 86%
HSV	7°, 15%, 93%
XYZ	67.6464, 66.4114, 65.1366
YIQ	214.8130, 19.7600, 5.3280

Conversions

Conversions Part 2

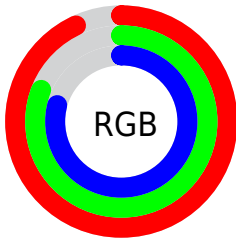
Format	Color
R _Y B	237, 207, 202
Decimal	15584970
CIE Lab	85.21, 10.18, 5.97
CIE LCh	85, 11.805, 30.394
Yxy	66.4114, 0.3396, 0.3334
Android (android.graphics.Color)	4293775050 (0xFFEDCECA)
YUV	214.8130, -6.3168, 19.4580
Hunter-Lab	81.4932, 5.5574, 9.6554

Details

The Yxy color **66.4114, 0.3396, 0.3334** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9161, 0.2902, 0.3246**, and the grayscale version is **67.8547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4183, 0.3465, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **55.9406, 0.3631, 0.3366**, and if you desaturate by 10%, it is **78.4084, 0.3205, 0.3304**.

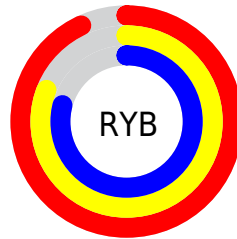
Distribution



Red (93%)

Green (81%)

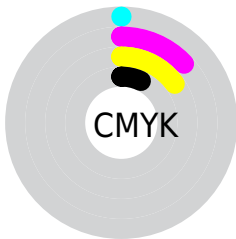
Blue (79%)



Red (93%)

Yellow (81%)

Blue (79%)

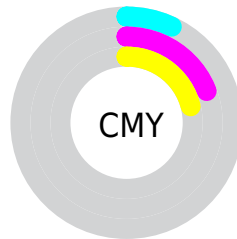


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (7%)



Cyan (7%)


Magenta (19%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4114, 0.3396, 0.3334 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 66.4114, 0.3396, 0.3334 by changing the saturation by 10% instead.

 66.4114, 0.3396,
0.3334

 66.4114, 0.3396,
0.3334

447.8468, 0.3269,
0.3315

 48.6064, 0.3426,
0.3338


114.0766, 0.3351,
0.3328

 34.3074, 0.3463,
0.3343

144.7056, 0.3334,
0.3325

 23.1298, 0.3511,
0.3349


180.3781, 0.3319,
0.3323

 14.6894, 0.3574,
0.3357

221.4785, 0.3306,
0.3321

 8.6017, 0.3663,
0.3366

268.3912, 0.3295,
0.3319

 4.4823, 0.3795,
0.3378

321.5005, 0.3285,

 1.9469, 0.4013,

0.3317

0.3392

381.1909, 0.3277,
0.3316

0.5763, 0.5032,
0.3642

0.0000, 0.0000,
0.0000

66.4114, 0.3396,
0.3334

66.4114, 0.3396,
0.3334

55.9406, 0.3631,
0.3366

78.4084, 0.3205,
0.3304

46.9262, 0.3917,
0.3399

91.9799, 0.3049,
0.3276

39.3062, 0.4261,
0.3430

96.7366, 0.3017,
0.3290

33.0108, 0.4662,
0.3455

■ 27.9642, 0.5104,
0.3468

■ 24.0827, 0.5550,
0.3463

■ 21.2723, 0.5944,
0.3435

■ 19.4242, 0.6223,
0.3388

■ 18.7894, 0.6320,
0.3364

Harmonies

Analogous

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



66.4114, 0.3304, 0.3208



66.4114, 0.3396, 0.3334



66.4114, 0.3414, 0.3452

Triad

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



66.4114, 0.3396, 0.3334



66.4114, 0.3085, 0.3487



66.4114, 0.2903, 0.3052

Complementary

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



66.4114, 0.3396, 0.3334



76.9161, 0.2902, 0.3246

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.



66.4114, 0.2848, 0.3120



66.4114, 0.3396, 0.3334



66.4114, 0.2952, 0.3372

Square

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



66.4114, 0.3396, 0.3334



66.4114, 0.3233, 0.3545



66.4114, 0.2866, 0.3236



66.4114, 0.3018, 0.3048

Rectangle

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



66.4114, 0.3396, 0.3334



66.4114, 0.3382, 0.3511



66.4114, 0.2866, 0.3236



66.4114, 0.2877, 0.3068

Sweetspot

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



66.4144, 0.3396, 0.3334



93.7340, 0.3192, 0.3302



66.1525, 0.3169, 0.2961



19.8179, 0.3205, 0.3304



0.0000, 0.0000, 0.0000



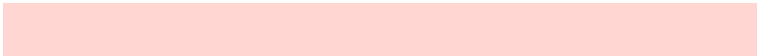
21.4041, 0.3127, 0.3290

Same Dimension

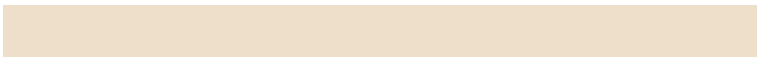
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.4144, 0.3396, 0.3334



74.1478, 0.3469, 0.3345



75.0245, 0.3369, 0.3513



15.3323, 0.3290, 0.3318



10.3580, 0.6303, 0.3377



0.9053, 0.6106, 0.3534

Inverse Universe

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



76.9161, 0.2902, 0.3246



88.9950, 0.2852, 0.3235



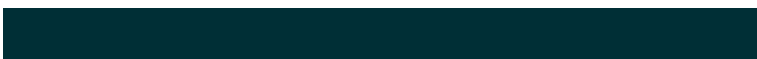
67.7757, 0.2895, 0.3056



16.8095, 0.2981, 0.3262



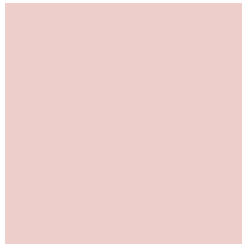
28.5745, 0.2146, 0.2925



2.3277, 0.2161, 0.2980

Previews

White Background



This preview shows how the Yxy color 66.4114, 0.3396, 0.3334 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 66.4114, 0.3396, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

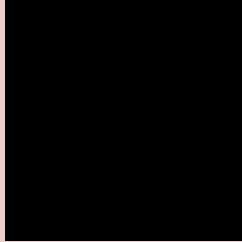
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.4114, 0.3396, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 66.4114, 0.3396, 0.3334.

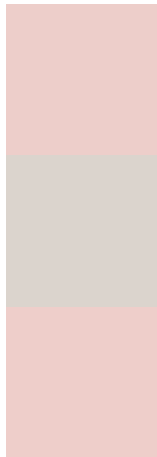


This preview shows how white text looks on a background with the Yxy color 66.4114, 0.3396, 0.3334.

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

66.4114, 0.3396, 0.3334

Protanopia

66.5548, 0.3228, 0.3369

Deuteranopia

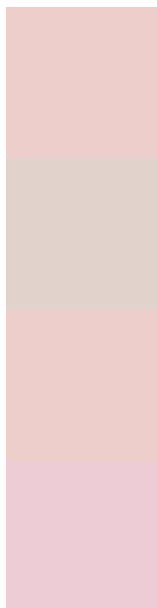
66.5840, 0.3404, 0.3334



Tritanopia

66.1771, 0.3289, 0.3121

Trichromacy



Original Color

66.4114, 0.3396, 0.3334

Protanomaly

66.6216, 0.3291, 0.3357

Deuteranomaly

66.5840, 0.3404, 0.3334

Tritanomaly

66.1670, 0.3325, 0.3195

Monochromacy



Original Color

66.4114, 0.3396, 0.3334

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 66.4114, 0.3396, 0.3334 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, 206, 202)` looks like.

```
.text, #text, p{  
    color:rgb(237, 206, 202)  
}
```

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, 206, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 206, 202) }
```

Border

The CSS property to change the border of an element to Yxy 66.4114, 0.3396, 0.3334 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, 206, 202) }
```

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

```
.border{ border-color:rgb(237, 206, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 206, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 206, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 206, 202); box-shadow:4px 4px 4px 4px rgb(237, 206, 202) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4114, 0.3396, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 206, 202) }
```

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

```
.background{ background-color: rgb(237,  
206, 202) }
```

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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