

Converting Colors

$Yxy(67.6703, 0.3349, 0.3291)$

Have a look what the booklet for
Yxy(67.6703, 0.3349, 0.3291)
contains.

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Color

Yxy(67.6703, 0.3349, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	EDD0D0
RGB	237, 208, 208
RGB Percent	93%, 82%, 82%
CMY	0.0706, 0.1843, 0.1844
CMYK	0.00, 0.12, 0.12, 0.07
HSL	0°, 45%, 87%
HSV	0°, 12%, 93%
XYZ	68.8629, 67.6703, 69.0891
YIQ	216.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

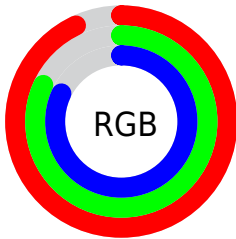
Format	Color
R _Y B	237, 208, 208
Decimal	15585488
CIE Lab	85.84, 10.10, 3.73
CIE LCh	86, 10.769, 20.245
Yxy	67.6703, 0.3349, 0.3291
Android (android.graphics.Color)	4293775568 (0xFFEDD0D0)
YUV	216.6710, -4.2748, 17.8285
Hunter-Lab	82.2620, 5.4670, 7.7877

Details

The Yxy color **67.6703, 0.3349, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.0681, 0.2940, 0.3289**, and the grayscale version is **69.1727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.2681, 0.3401, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **55.8980, 0.3582, 0.3292**, and if you desaturate by 10%, it is **81.3455, 0.3163, 0.3290**.

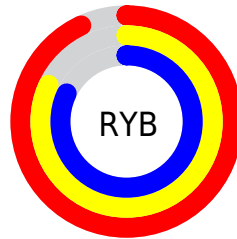
Distribution



Red (93%)

Green (82%)

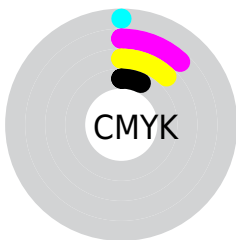
Blue (82%)



Red (93%)

Yellow (82%)

Blue (82%)

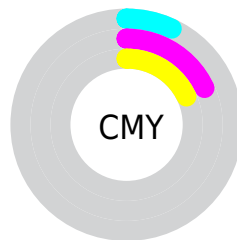


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (7%)



Cyan (7%)


Magenta (18%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.6703, 0.3349, 0.3291 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 67.6703, 0.3349, 0.3291 by changing the saturation by 10% instead.


 67.6703, 0.3349,
0.3291

 67.6703, 0.3349,
0.3291

452.3270, 0.3245,
0.3291

 49.6296, 0.3373,
0.3291


115.8804, 0.3312,
0.3291

 35.1191, 0.3404,
0.3290


146.8185, 0.3298,
0.3291

 23.7547, 0.3443,
0.3289


182.8245, 0.3286,
0.3291

 15.1517, 0.3494,
0.3288

224.2828, 0.3276,
0.3291

 8.9259, 0.3566,
0.3286

271.5778, 0.3266,
0.3291

 4.6929, 0.3672,
0.3281

325.0939, 0.3258,

 2.0682, 0.3846,

0.3291

385.2155, 0.3251,
0.3291

0.3270

0.6467, 0.4414,
0.3313

0.0000, 0.0000,
0.0000

67.6703, 0.3349,
0.3291

67.6703, 0.3349,
0.3291

55.8980, 0.3582,
0.3292

81.3455, 0.3163,
0.3290

45.9358, 0.3872,
0.3293

96.7444, 0.3017,
0.3290

37.6967, 0.4228,
0.3295

31.0831, 0.4651,
0.3296

■ 25.9874, 0.5123,
0.3298

■ 22.2892, 0.5602,
0.3299

■ 19.8500, 0.6015,
0.3300

■ 18.5028, 0.6289,
0.3300

■ 18.0105, 0.6400,
0.3300

Harmonies

Analogous

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



67.6703, 0.3248, 0.3180



67.6703, 0.3349, 0.3291



67.6703, 0.3390, 0.3404

Triad

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



67.6703, 0.3349, 0.3291



67.6703, 0.3135, 0.3492



67.6703, 0.2900, 0.3089

Complementary

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



67.6703, 0.3349, 0.3291



80.0681, 0.2940, 0.3289

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.



67.6703, 0.2871, 0.3168



67.6703, 0.3349, 0.3291



67.6703, 0.3006, 0.3403

Square

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



67.6703, 0.3349, 0.3291



67.6703, 0.3265, 0.3524



67.6703, 0.2910, 0.3283



67.6703, 0.2988, 0.3065

Rectangle

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



67.6703, 0.3349, 0.3291



67.6703, 0.3377, 0.3466



67.6703, 0.2910, 0.3283



67.6703, 0.2883, 0.3110

Sweetspot

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



67.6733, 0.3349, 0.3291



93.0316, 0.3193, 0.3290



69.2179, 0.3141, 0.2988



19.6411, 0.3206, 0.3290



0.0000, 0.0000, 0.0000



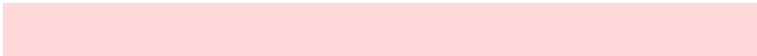
21.4041, 0.3127, 0.3290

Same Dimension

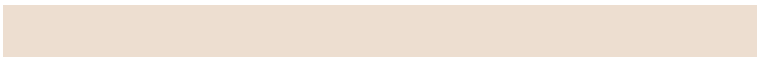
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.6733, 0.3349, 0.3291



75.7773, 0.3409, 0.3291



75.0586, 0.3329, 0.3444



15.0570, 0.3293, 0.3291



9.8345, 0.6400, 0.3300



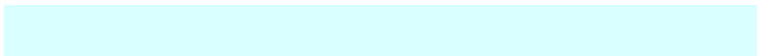
0.7733, 0.6397, 0.3302

Inverse Universe

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



80.0681, 0.2940, 0.3289



93.4241, 0.2899, 0.3289



72.0219, 0.2936, 0.3131



17.1186, 0.2981, 0.3289



36.3179, 0.2246, 0.3284



2.8528, 0.2246, 0.3284

Previews

White Background



This preview shows how the Yxy color 67.6703, 0.3349, 0.3291 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 67.6703, 0.3349, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

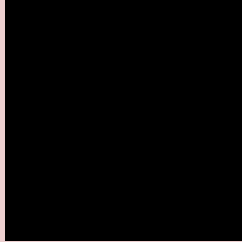
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.6703, 0.3349, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 67.6703, 0.3349, 0.3291.



This preview shows how white text looks on a background with the Yxy color 67.6703, 0.3349, 0.3291.

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

67.6703, 0.3349, 0.3291

Protanopia

67.8564, 0.3184, 0.3323

Deuteranopia

67.8430, 0.3357, 0.3291



Tritanopia

67.7673, 0.3264, 0.3122

Trichromacy



Original Color

67.6703, 0.3349, 0.3291

Protanomaly

67.9089, 0.3246, 0.3312

Deuteranomaly

67.8430, 0.3357, 0.3291

Tritanomaly

67.8125, 0.3292, 0.3184

Monochromacy



Original Color

67.6703, 0.3349, 0.3291

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.7955, 0.3201, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6703, 0.3349, 0.3291 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, 208, 208)` looks like.

```
.text, #text, p{  
    color:rgb(237, 208, 208)  
}
```

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, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 208, 208) }
```

Border

The CSS property to change the border of an element to Yxy 67.6703, 0.3349, 0.3291 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, 208, 208) }
```

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

```
.border{ border-color:rgb(237, 208, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 208, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 208, 208);  
box-shadow:4px 4px 4px 4px rgb(237, 208,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6703, 0.3349, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 208, 208) }
```

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

```
.background{ background-color: rgb(237,  
208, 208) }
```

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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