

Converting Colors

$Yxy(67.6415, 0.3420, 0.3318)$

Have a look what the booklet for
Yxy(67.6415, 0.3420, 0.3318)
contains.

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Color

Yxy(67.8625, 0.3419, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	F2CFCC
RGB	242, 207, 204
RGB Percent	95%, 81%, 80%
CMY	0.0511, 0.1882, 0.2001
CMYK	0.00, 0.14, 0.16, 0.05
HSL	5°, 59%, 87%
HSV	5°, 16%, 95%
XYZ	69.8230, 67.8625, 66.5351
YIQ	217.1230, 21.8230, 6.4870

Conversions

Conversions Part 2

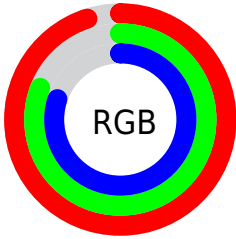
Format	Color
R _Y B	242, 207, 204
Decimal	15912908
CIE Lab	85.94, 11.77, 6.04
CIE LCh	86, 13.224, 27.162
Yxy	67.8625, 0.3419, 0.3323
Android (android.graphics.Color)	4294102988 (0xFFFF2CFCC)
YUV	217.1230, -6.4696, 21.8171
Hunter-Lab	82.3787, 7.1313, 9.7781

Details

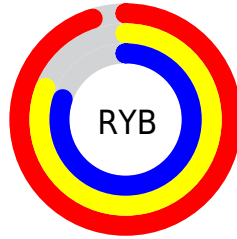
The Yxy color **67.8625, 0.3419, 0.3323** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.9488, 0.2888, 0.3257**, and the grayscale version is **69.5107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.4236, 0.3494, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **56.7523, 0.3662, 0.3346**, and if you desaturate by 10%, it is **80.6809, 0.3222, 0.3302**.

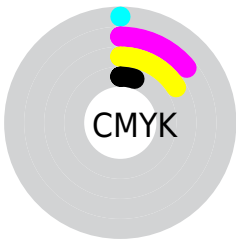
Distribution



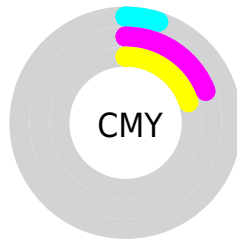
- Red (95%)
- Green (81%)
- Blue (80%)



- Red (95%)
- Yellow (81%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (16%)
- Black (5%)




- Cyan (5%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.8625, 0.3419, 0.3323 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 67.8625, 0.3419, 0.3323 by changing the saturation by 10% instead.

 67.8625, 0.3419,
0.3323

 67.8625, 0.3419,
0.3323


453.0087, 0.3281,
0.3309

 49.7859, 0.3451,
0.3326

116.1554, 0.3371,
0.3318

 35.2433, 0.3491,
0.3329

147.1405, 0.3352,
0.3317

 23.8503, 0.3542,
0.3333


183.1972, 0.3336,
0.3315

 15.2226, 0.3610,
0.3338

224.7099, 0.3322,
0.3314

 8.9758, 0.3705,
0.3343

272.0630, 0.3310,
0.3312

 4.7254, 0.3845,
0.3348

325.6409, 0.3299,

 2.0871, 0.4074,

0.3311

385.8280, 0.3290,
0.3310

0.3351

0.6573, 0.4901,
0.3525

0.0000, 0.0000,
0.0000

67.8625, 0.3419,
0.3323

67.8625, 0.3419,
0.3323

56.7523, 0.3662,
0.3346

80.6809, 0.3222,
0.3302

47.2696, 0.3961,
0.3369

95.2657, 0.3063,
0.3282

39.3406, 0.4321,
0.3390

97.6137, 0.3047,
0.3290

32.8825, 0.4739,
0.3407

■ 27.8044, 0.5197,
0.3414

■ 24.0059, 0.5650,
0.3407

■ 21.3723, 0.6033,
0.3385

■ 19.7688, 0.6285,
0.3349

■ 19.3496, 0.6354,
0.3337

Harmonies

Analogous

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



67.8625, 0.3308, 0.3185



67.8625, 0.3419, 0.3323



67.8625, 0.3449, 0.3457

Triad

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



67.8625, 0.3419, 0.3323



67.8625, 0.3098, 0.3520



67.8625, 0.2868, 0.3031

Complementary

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



67.8625, 0.3419, 0.3323



80.9488, 0.2888, 0.3257

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.



67.8625, 0.2815, 0.3112



67.8625, 0.3419, 0.3323



67.8625, 0.2946, 0.3397

Square

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



67.8625, 0.3419, 0.3323



67.8625, 0.3261, 0.3576



67.8625, 0.2844, 0.3246



67.8625, 0.2989, 0.3019

Rectangle

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



67.8625, 0.3419, 0.3323



67.8625, 0.3419, 0.3526



67.8625, 0.2844, 0.3246



67.8625, 0.2842, 0.3051

Sweetspot

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



67.8655, 0.3419, 0.3323



91.9468, 0.3210, 0.3300



68.3108, 0.3163, 0.2926



19.4468, 0.3222, 0.3302



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.



67.8655, 0.3419, 0.3323



72.0407, 0.3495, 0.3331



77.3623, 0.3389, 0.3516



15.9613, 0.3291, 0.3309



10.4726, 0.6341, 0.3347



0.9408, 0.6198, 0.3460

Inverse Universe

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



80.9488, 0.2888, 0.3257



89.5002, 0.2839, 0.3249



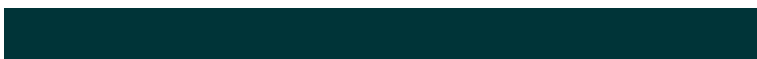
70.6676, 0.2879, 0.3054



17.7006, 0.2981, 0.3271



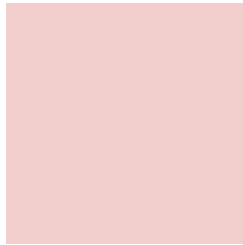
31.8045, 0.2178, 0.3039



2.7093, 0.2187, 0.3074

Previews

White Background



This preview shows how the Yxy color 67.8625, 0.3419, 0.3323 looks on a white background.

Color Contrast Check

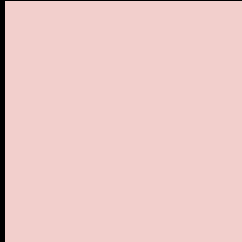
Large Text (above 18pt) WCAG AA × Fail

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 67.8625, 0.3419, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

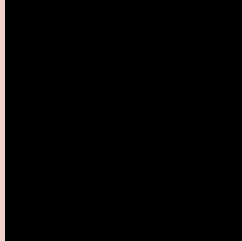
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

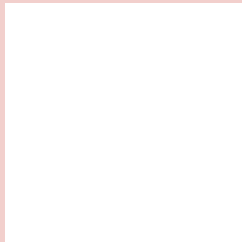
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.8625, 0.3419, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 67.8625, 0.3419, 0.3323.

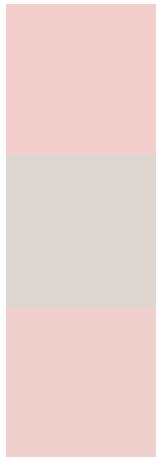


This preview shows how white text looks on a background with the Yxy color 67.8625, 0.3419, 0.3323.

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

67.8625, 0.3419, 0.3323

Protanopia

68.0194, 0.3220, 0.3357

Deuteranopia

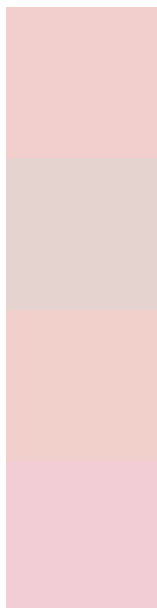
67.9966, 0.3402, 0.3333



Tritanopia

67.5861, 0.3319, 0.3124

Trichromacy



Original Color

67.8625, 0.3419, 0.3323

Protanomaly

67.7515, 0.3291, 0.3334

Deuteranomaly

68.1722, 0.3410, 0.3333

Tritanomaly

67.5724, 0.3355, 0.3196

Monochromacy



Original Color

67.8625, 0.3419, 0.3323

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.5107, 0.3230, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8625, 0.3419, 0.3323 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(242, 207, 204)` looks like.

```
.text, #text, p{  
    color:rgb(242, 207, 204)  
}
```

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(242, 207, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 207, 204) }
```

Border

The CSS property to change the border of an element to Yxy 67.8625, 0.3419, 0.3323 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(242, 207, 204) }
```

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

```
.border{ border-color:rgb(242, 207, 204) }
```

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

Here you see how a box with a 4 pixel rgb(242, 207, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 207, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 207, 204);  
box-shadow:4px 4px 4px 4px rgb(242, 207,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8625, 0.3419, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 207, 204) }
```

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

```
.background{ background-color: rgb(242,  
207, 204) }
```

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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