

Converting Colors

$Yxy(68.5721, 0.3294, 0.3257)$

Have a look what the booklet for
Yxy(68.5721, 0.3294, 0.3257)
contains.

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Color

Yxy(68.5595, 0.3294, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	EBD2D5
RGB	235, 210, 213
RGB Percent	92%, 82%, 84%
CMY	0.0785, 0.1764, 0.1645
CMYK	0.00, 0.11, 0.09, 0.08
HSL	353°, 38%, 87%
HSV	353°, 11%, 92%
XYZ	69.3171, 68.5595, 72.5578
YIQ	217.8170, 13.9370, 6.2330

Conversions

Conversions Part 2

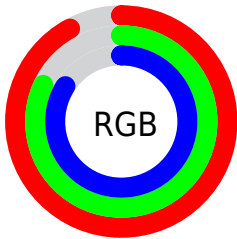
Format	Color
R _Y B	235, 210, 213
Decimal	15454933
CIE Lab	86.29, 9.17, 1.66
CIE LCh	86, 9.324, 10.274
Yxy	68.5595, 0.3294, 0.3258
Android (android.graphics.Color)	4293645013 (0xFFEBD2D5)
YUV	217.8170, -2.3748, 15.0695
Hunter-Lab	82.8007, 4.5312, 6.0050

Details

The Yxy color **68.5595, 0.3294, 0.3258** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.9320, 0.2982, 0.3322**, and the grayscale version is **69.9898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.8293, 0.3338, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **56.8156, 0.3491, 0.3226**, and if you desaturate by 10%, it is **82.1464, 0.3136, 0.3288**.

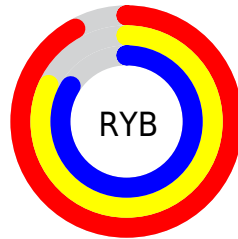
Distribution



Red (92%)

Green (82%)

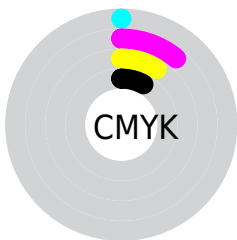
Blue (84%)



Red (92%)

Yellow (82%)

Blue (84%)

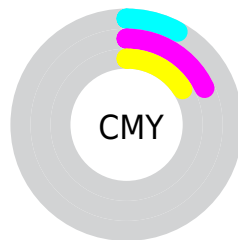


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (8%)



Cyan (8%)


Magenta (18%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.5595, 0.3294, 0.3258 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 68.5595, 0.3294, 0.3258 by changing the saturation by 10% instead.


 68.5595, 0.3294,
0.3258

 68.5595, 0.3294,
0.3258


455.4758, 0.3216,
0.3273

 50.3530, 0.3312,
0.3254


117.1522, 0.3267,
0.3263

 35.6940, 0.3335,
0.3250


148.3072, 0.3256,
0.3266

 24.1980, 0.3364,
0.3244


184.5472, 0.3247,
0.3267

 15.4805, 0.3402,
0.3236

226.2566, 0.3239,
0.3269

 9.1573, 0.3455,
0.3225

273.8198, 0.3232,
0.3270

 4.8439, 0.3533,
0.3208

327.6211, 0.3226,

 2.1560, 0.3660,

0.3271

0.3179

388.0450, 0.3221,
0.3272

0.6958, 0.3985,
0.3130

0.0000, 0.0000,
0.0000

68.5595, 0.3294,
0.3258

68.5595, 0.3294,
0.3258

56.8156, 0.3491,
0.3226

82.1464, 0.3136,
0.3288

46.8268, 0.3735,
0.3193

96.3558, 0.3009,
0.3296

38.5114, 0.4035,
0.3161

96.3990, 0.3005,
0.3290

31.7777, 0.4394,
0.3134

■ 26.5252, 0.4809,
0.3116

■ 22.6419, 0.5255,
0.3115

■ 19.9997, 0.5688,
0.3136

■ 18.4462, 0.6045,
0.3179

■ 17.7454, 0.6272,
0.3229

Harmonies

Analogous

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



68.5595, 0.3195, 0.3168



68.5595, 0.3294, 0.3258



68.5595, 0.3348, 0.3358

Triad

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



68.5595, 0.3294, 0.3258



68.5595, 0.3173, 0.3479



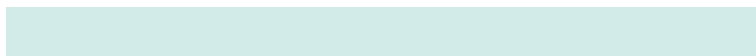
68.5595, 0.2916, 0.3135

Complementary

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



68.5595, 0.3294, 0.3258



78.9320, 0.2982, 0.3322

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.



68.5595, 0.2911, 0.3216



68.5595, 0.3294, 0.3258



68.5595, 0.3058, 0.3417

Square

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



68.5595, 0.3294, 0.3258



68.5595, 0.3277, 0.3488



68.5595, 0.2962, 0.3320



68.5595, 0.2977, 0.3097

Rectangle

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



68.5595, 0.3294, 0.3258



68.5595, 0.3351, 0.3417



68.5595, 0.2962, 0.3320



68.5595, 0.2908, 0.3158

Sweetspot

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



68.5625, 0.3294, 0.3258



94.7905, 0.3171, 0.3281



69.1919, 0.3115, 0.3027



19.9986, 0.3183, 0.3279



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.



68.5625, 0.3294, 0.3258



78.9071, 0.3338, 0.3250



73.0617, 0.3305, 0.3388



15.0838, 0.3274, 0.3262



9.8877, 0.6247, 0.3215



0.7861, 0.5949, 0.3051

Inverse Universe

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



68.5625, 0.3294, 0.3258



78.9071, 0.3338, 0.3250



73.9972, 0.2963, 0.3190



15.0838, 0.3274, 0.3262



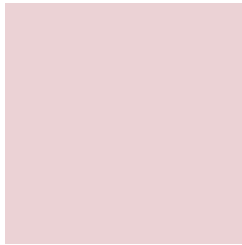
9.8877, 0.6247, 0.3215



0.7861, 0.5949, 0.3051

Previews

White Background



This preview shows how the Yxy color 68.5595, 0.3294, 0.3258 looks on a white background.

Color Contrast Check

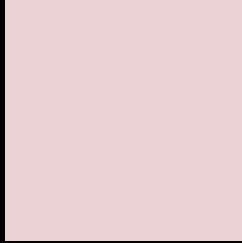
Large Text (above 18pt) WCAG AA × Fail

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 68.5595, 0.3294, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

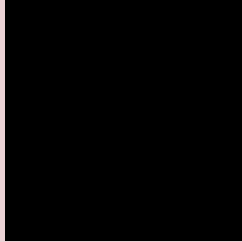
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.5595, 0.3294, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 68.5595, 0.3294, 0.3258.



This preview shows how white text looks on a background with the Yxy color 68.5595, 0.3294, 0.3258.

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

68.5595, 0.3294, 0.3258

Protanopia

68.7744, 0.3157, 0.3279

Deuteranopia

68.5822, 0.3319, 0.3248



Tritanopia

68.5525, 0.3225, 0.3111

Trichromacy



Original Color

68.5595, 0.3294, 0.3258

Protanomaly

68.5023, 0.3202, 0.3268

Deuteranomaly

68.4095, 0.3311, 0.3248

Tritanomaly

68.6543, 0.3246, 0.3163

Monochromacy



Original Color

68.5595, 0.3294, 0.3258

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.4060, 0.3186, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5595, 0.3294, 0.3258 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(235, 210, 213)` looks like.

```
.text, #text, p{  
    color:rgb(235, 210, 213)  
}
```

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(235, 210, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 210, 213) }
```

Border

The CSS property to change the border of an element to Yxy 68.5595, 0.3294, 0.3258 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(235, 210, 213) }
```

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

```
.border{ border-color:rgb(235, 210, 213) }
```

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

Here you see how a box with a 4 pixel rgb(235, 210, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 210, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 210, 213);  
box-shadow:4px 4px 4px 4px rgb(235, 210,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5595, 0.3294, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 210, 213) }
```

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

```
.background{ background-color: rgb(235,  
210, 213) }
```

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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