

Converting Colors

$Yxy(68.8575, 0.3277, 0.3154)$

Have a look what the booklet for
Yxy(68.8575, 0.3277, 0.3154)
contains.

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Color

Yxy(68.8575, 0.3277, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	F0D0DD
RGB	240, 208, 221
RGB Percent	94%, 82%, 87%
CMY	0.0588, 0.1843, 0.1334
CMYK	0.00, 0.13, 0.08, 0.06
HSL	336°, 52%, 88%
HSV	336°, 13%, 94%
XYZ	71.5428, 68.8575, 77.9177
YIQ	219.0500, 14.8990, 10.8270

Conversions

Conversions Part 2

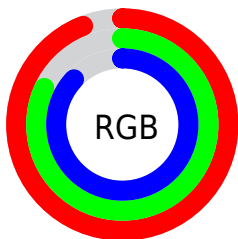
Format	Color
RYB	240, 208, 221
Decimal	15782109
CIELab	86.43, 13.30, -2.28
CIELCh	86, 13.497, 350.268
Yxy	68.8575, 0.3277, 0.3154
Android (android.graphics.Color)	4293972189 (0xFFFF0D0DD)
YUV	219.0500, 0.9613, 18.3731
Hunter-Lab	82.9804, 8.6807, 2.4136

Details

The Yxy color **68.8575, 0.3277, 0.3154** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.2834, 0.2998, 0.3430**, and the grayscale version is **70.8624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0547, 0.3314, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **57.3008, 0.3418, 0.3046**, and if you desaturate by 10%, it is **82.2558, 0.3161, 0.3257**.

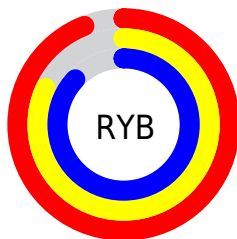
Distribution



Red (94%)

Green (82%)

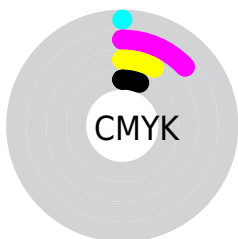
Blue (87%)



Red (94%)

Yellow (82%)

Blue (87%)

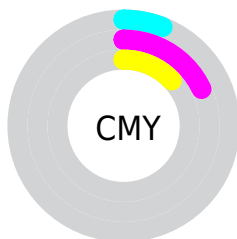


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (6%)



Cyan (6%)


Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8575, 0.3277, 0.3154 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 68.8575, 0.3277, 0.3154 by changing the saturation by 10% instead.


 68.8575, 0.3277,
0.3154

 68.8575, 0.3277,
0.3154

456.5282, 0.3207,
0.3217

 50.5957, 0.3293,
0.3140


117.5780, 0.3253,
0.3176

 35.8869, 0.3313,
0.3122


148.8055, 0.3243,
0.3184

 24.3469, 0.3338,
0.3099


185.1236, 0.3235,
0.3192

 15.5911, 0.3372,
0.3069

226.9169, 0.3228,
0.3198

 9.2353, 0.3418,
0.3029

274.5695, 0.3222,
0.3204

 4.8950, 0.3485,
0.2970

328.4660, 0.3216,

 2.1858, 0.3592,

0.3209

0.2877

388.9908, 0.3212,
0.3213

0.7122, 0.3806,
0.2678

0.0000, 0.0000,
0.0000

68.8575, 0.3277,
0.3154

68.8575, 0.3277,
0.3154

57.3008, 0.3418,
0.3046

82.2558, 0.3161,
0.3257

47.4956, 0.3589,
0.2935

96.9186, 0.3066,
0.3344

39.3579, 0.3793,
0.2828

97.2668, 0.3035,
0.3290

32.7933, 0.4033,
0.2731

■ 27.6976, 0.4306,
0.2656

■ 23.9542, 0.4604,
0.2615

■ 21.4282, 0.4913,
0.2622

■ 19.9563, 0.5210,
0.2682

■ 19.3968, 0.5395,
0.2746

Harmonies

Analogous

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



68.8575, 0.3111, 0.3053



68.8575, 0.3277, 0.3154



68.8575, 0.3404, 0.3290

Triad

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



68.8575, 0.3277, 0.3154



68.8575, 0.3298, 0.3582



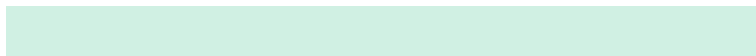
68.8575, 0.2810, 0.3137

Complementary

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



68.8575, 0.3277, 0.3154



81.2834, 0.2998, 0.3430

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.



68.8575, 0.2857, 0.3280



68.8575, 0.3277, 0.3154



68.8575, 0.3136, 0.3544

Square

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



68.8575, 0.3277, 0.3154



68.8575, 0.3416, 0.3538



68.8575, 0.2975, 0.3431



68.8575, 0.2845, 0.3040

Rectangle

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



68.8575, 0.3277, 0.3154



68.8575, 0.3448, 0.3385



68.8575, 0.2975, 0.3431



68.8575, 0.2817, 0.3181

Sweetspot

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



68.8605, 0.3277, 0.3154



93.2796, 0.3168, 0.3250



67.6835, 0.3046, 0.2951



19.7036, 0.3176, 0.3243



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.



68.8605, 0.3277, 0.3154



75.2100, 0.3313, 0.3125



69.5065, 0.3368, 0.3319



15.8651, 0.3229, 0.3195



10.6420, 0.5354, 0.2723



0.9045, 0.5008, 0.2533

Inverse Universe

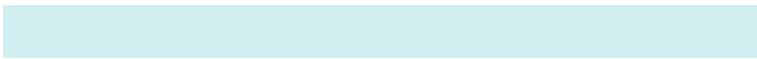
The Inverse Universe completely reimagines the original color for something new.



68.8605, 0.3277, 0.3154



75.2100, 0.3313, 0.3125



80.4689, 0.2923, 0.3261



15.8651, 0.3229, 0.3195



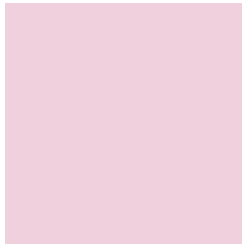
10.6420, 0.5354, 0.2723



0.9045, 0.5008, 0.2533

Previews

White Background



This preview shows how the Yxy color 68.8575, 0.3277, 0.3154 looks on a white background.

Color Contrast Check

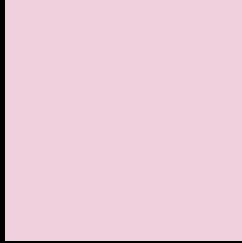
Large Text (above 18pt) WCAG AA × Fail

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 68.8575, 0.3277, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

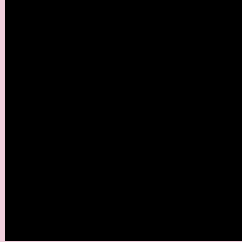
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.8575, 0.3277, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 68.8575, 0.3277, 0.3154.



This preview shows how white text looks on a background with the Yxy color 68.8575, 0.3277, 0.3154.

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

68.8575, 0.3277, 0.3154

Protanopia

68.9425, 0.3082, 0.3180

Deuteranopia

68.9758, 0.3237, 0.3174



Tritanopia

69.0188, 0.3255, 0.3123

Trichromacy



Original Color

68.8575, 0.3277, 0.3154

Protanomaly

68.6375, 0.3148, 0.3161

Deuteranomaly

68.8259, 0.3253, 0.3163

Tritanomaly

68.9647, 0.3262, 0.3133

Monochromacy



Original Color

68.8575, 0.3277, 0.3154

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.0991, 0.3181, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8575, 0.3277, 0.3154 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(240, 208, 221)` looks like.

```
.text, #text, p{  
    color:rgb(240, 208, 221)  
}
```

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(240, 208, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 208, 221) }
```

Border

The CSS property to change the border of an element to Yxy 68.8575, 0.3277, 0.3154 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(240, 208, 221) }
```

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

```
.border{ border-color:rgb(240, 208, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 208, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 208, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 208, 221);  
box-shadow:4px 4px 4px 4px rgb(240, 208,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8575, 0.3277, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 208, 221) }
```

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

```
.background{ background-color: rgb(240,  
208, 221) }
```

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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