

Converting Colors

Yxy(64.2006, 0.3349, 0.3203)

Have a look what the booklet for
Yxy(64.2006, 0.3349, 0.3203)
contains.

Yxy(64.3813, 0.3351, 0.3205)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.3813, 0.3351, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	EDC9D1
RGB	237, 201, 209
RGB Percent	93%, 79%, 82%
CMY	0.0706, 0.2117, 0.1805
CMYK	0.00, 0.15, 0.12, 0.07
HSL	347°, 50%, 86%
HSV	347°, 15%, 93%
XYZ	67.3141, 64.3813, 69.1823
YIQ	212.6760, 18.8880, 10.1200

Conversions

Conversions Part 2

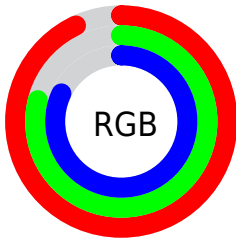
Format	Color
R_{YB}	237, 201, 209
Decimal	15583697
CIE _{Lab}	84.16, 13.94, 0.76
CIE _{LCh}	84, 13.962, 3.109
Yxy	64.3813, 0.3351, 0.3205
Android (android.graphics.Color)	4293773777 (0xFFEDC9D1)
YUV	212.6760, -1.8123, 21.3321
Hunter-Lab	80.2380, 9.3328, 5.0459

Details

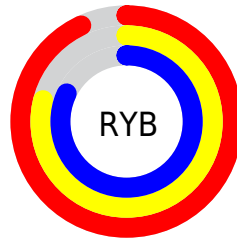
The Yxy color $64.3813, 0.3351, 0.3205$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $78.6390, 0.2942, 0.3377$, and the grayscale version is $66.3148, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.0578, 0.3405, 0.3179$ is the 20% darker color. If you saturate the color by 10%, you get $53.3116, 0.3543, 0.3145$, and if you desaturate by 10%, it is $77.2672, 0.3196, 0.3262$.

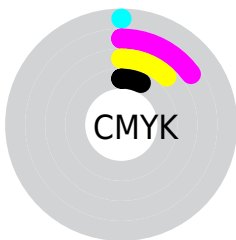
Distribution



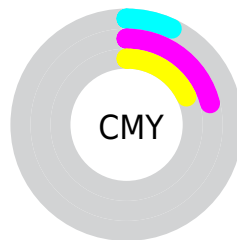
- Red (93%)
- Green (79%)
- Blue (82%)



- Red (93%)
- Yellow (79%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (7%)





- Cyan (7%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.3813, 0.3351, 0.3205 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 64.3813, 0.3351, 0.3205 by changing the saturation by 10% instead.

 64.3813, 0.3351,
0.3205

 64.3813, 0.3351,
0.3205


440.5653, 0.3245,
0.3246

 46.9596, 0.3376,
0.3195


111.1599, 0.3314,
0.3219

 33.0037, 0.3407,
0.3183


141.2855, 0.3299,
0.3225

 22.1293, 0.3447,
0.3168


176.4146, 0.3287,
0.3230

 13.9519, 0.3500,
0.3147

216.9315, 0.3276,
0.3234

 8.0872, 0.3575,
0.3118

263.2207, 0.3267,
0.3237

 4.1508, 0.3687,
0.3074

315.6664, 0.3259,

 1.7583, 0.3872,

0.3240

0.3001

374.6531, 0.3251,
0.3243

0.4610, 0.4611,
0.2730

0.0000, 0.0000,
0.0000

64.3813, 0.3351,
0.3205

64.3813, 0.3351,
0.3205

53.3116, 0.3543,
0.3145

77.2672, 0.3196,
0.3262

43.9681, 0.3779,
0.3085

92.0370, 0.3070,
0.3315

36.2657, 0.4065,
0.3027

96.7423, 0.3017,
0.3290

30.1091, 0.4403,
0.2980

■ 25.3929, 0.4786,
0.2952

■ 21.9983, 0.5193,
0.2952

■ 19.7877, 0.5586,
0.2990

■ 18.5920, 0.5919,
0.3066

■ 18.2542, 0.6051,
0.3107

Harmonies

Analogous

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



64.3813, 0.3187, 0.3079



64.3813, 0.3351, 0.3205



64.3813, 0.3455, 0.3355

Triad

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



64.3813, 0.3351, 0.3205



64.3813, 0.3237, 0.3593



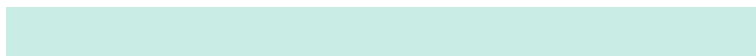
64.3813, 0.2797, 0.3076

Complementary

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



64.3813, 0.3351, 0.3205



78.6390, 0.2942, 0.3377

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.



64.3813, 0.2810, 0.3210



64.3813, 0.3351, 0.3205



64.3813, 0.3061, 0.3516

Square

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



64.3813, 0.3351, 0.3205



64.3813, 0.3387, 0.3583



64.3813, 0.2905, 0.3373



64.3813, 0.2869, 0.3003

Rectangle

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



64.3813, 0.3351, 0.3205



64.3813, 0.3475, 0.3451



64.3813, 0.2905, 0.3373



64.3813, 0.2792, 0.3115

Sweetspot

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



64.3842, 0.3351, 0.3205



91.5101, 0.3193, 0.3263



64.4846, 0.3082, 0.2907



19.3412, 0.3203, 0.3259



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.



64.3842, 0.3351, 0.3205



72.0380, 0.3402, 0.3188



68.6134, 0.3396, 0.3394



15.1086, 0.3258, 0.3238



9.9834, 0.6013, 0.3086



0.7981, 0.5631, 0.2875

Inverse Universe

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



64.3842, 0.3351, 0.3205



72.0380, 0.3402, 0.3188



73.6872, 0.2893, 0.3184



15.1086, 0.3258, 0.3238



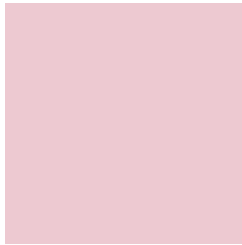
9.9834, 0.6013, 0.3086



0.7981, 0.5631, 0.2875

Previews

White Background



This preview shows how the Yxy color 64.3813, 0.3351, 0.3205 looks on a white background.

Color Contrast Check

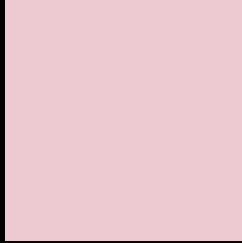
Large Text (above 18pt) WCAG AA × Fail

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 64.3813, 0.3351, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

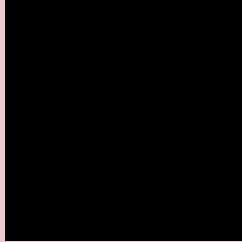
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.3813, 0.3351, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 64.3813, 0.3351, 0.3205.



This preview shows how white text looks on a background with the Yxy color 64.3813, 0.3351, 0.3205.

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

64.3813, 0.3351, 0.3205

Protanopia

64.6021, 0.3122, 0.3234

Deuteranopia

64.3042, 0.3301, 0.3225



Tritanopia

64.4436, 0.3307, 0.3120

Trichromacy



Original Color

64.3813, 0.3351, 0.3205

Protanomaly

64.4257, 0.3206, 0.3224

Deuteranomaly

64.1681, 0.3318, 0.3215

Tritanomaly

64.2898, 0.3330, 0.3152

Monochromacy



Original Color

64.3813, 0.3351, 0.3205

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.8840, 0.3204, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3813, 0.3351, 0.3205 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, 201, 209)` looks like.

```
.text, #text, p{  
    color:rgb(237, 201, 209)  
}
```

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, 201, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 201, 209) }
```

Border

The CSS property to change the border of an element to Yxy 64.3813, 0.3351, 0.3205 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, 201, 209) }
```

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

```
.border{ border-color:rgb(237, 201, 209) }
```

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

Here you see how a box with a 4 pixel rgb(237, 201, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 201, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 201, 209);  
box-shadow:4px 4px 4px 4px rgb(237, 201,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3813, 0.3351, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 201, 209) }
```

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

```
.background{ background-color: rgb(237,  
201, 209) }
```

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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