

Converting Colors

Yxy(64.4383, 0.3388, 0.3234)

Have a look what the booklet for
Yxy(64.4383, 0.3388, 0.3234)
contains.

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Color

Yxy(64.5802, 0.3390, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	EFC9CE
RGB	239, 201, 206
RGB Percent	94%, 79%, 81%
CMY	0.0626, 0.2118, 0.1921
CMYK	0.00, 0.16, 0.14, 0.06
HSL	352°, 54%, 86%
HSV	352°, 16%, 94%
XYZ	67.6326, 64.5802, 67.2935
YIQ	212.9320, 21.0430, 9.6110

Conversions

Conversions Part 2

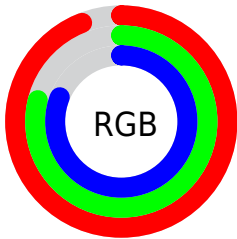
Format	Color
R _Y B	239, 201, 206
Decimal	15714766
CIE Lab	84.27, 14.20, 2.51
CIE LCh	84, 14.420, 10.040
Yxy	64.5802, 0.3390, 0.3237
Android (android.graphics.Color)	4293904846 (0xFFEFC9CE)
YUV	212.9320, -3.4175, 22.8616
Hunter-Lab	80.3618, 9.5928, 6.6049

Details

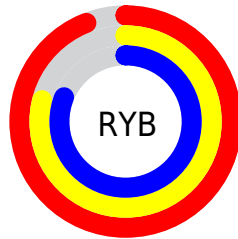
The Yxy color $64.5802, 0.3390, 0.3237$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $80.1125, 0.2914, 0.3344$, and the grayscale version is $66.5082, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.2017, 0.3457, 0.3221$ is the 20% darker color. If you saturate the color by 10%, you get $53.3496, 0.3608, 0.3201$, and if you desaturate by 10%, it is $77.6839, 0.3214, 0.3271$.

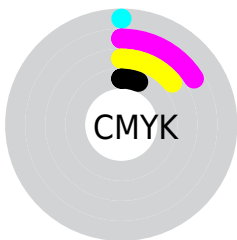
Distribution



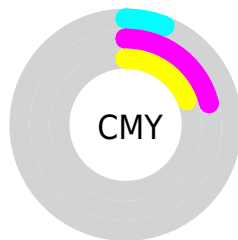
- Red (94%)
- Green (79%)
- Blue (81%)



- Red (94%)
- Yellow (79%)
- Blue (81%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (6%)





- Cyan (6%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.5802, 0.3390, 0.3237 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 64.5802, 0.3390, 0.3237 by changing the saturation by 10% instead.


 64.5802, 0.3390,
0.3237

 64.5802, 0.3390,
0.3237

441.2819, 0.3265,
0.3263

 47.1208, 0.3419,
0.3231

111.4461, 0.3346,
0.3246

 33.1311, 0.3456,
0.3223


141.6213, 0.3329,
0.3250

 22.2269, 0.3503,
0.3212


176.8040, 0.3315,
0.3253

 14.0237, 0.3566,
0.3198

217.3784, 0.3302,
0.3255

 8.1372, 0.3654,
0.3178

263.7290, 0.3291,
0.3258

 4.1828, 0.3786,
0.3147

316.2402, 0.3282,

 1.7764, 0.4006,

0.3260

0.3091

375.2963, 0.3273,
0.3261

0.4724, 0.4952,
0.2940

0.0000, 0.0000,
0.0000

64.5802, 0.3390,
0.3237

64.5802, 0.3390,
0.3237

53.3496, 0.3608,
0.3201

77.6839, 0.3214,
0.3271

43.8982, 0.3878,
0.3166

92.7317, 0.3073,
0.3303

36.1373, 0.4206,
0.3133

97.0970, 0.3030,
0.3290

29.9668, 0.4592,
0.3108

■ 25.2763, 0.5023,
0.3097

■ 21.9411, 0.5466,
0.3107

■ 19.8159, 0.5867,
0.3142

■ 18.7218, 0.6167,
0.3198

■ 18.4584, 0.6256,
0.3220

Harmonies

Analogous

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



64.5802, 0.3231, 0.3099



64.5802, 0.3390, 0.3237



64.5802, 0.3478, 0.3392

Triad

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



64.5802, 0.3390, 0.3237



64.5802, 0.3199, 0.3592



64.5802, 0.2797, 0.3045

Complementary

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



64.5802, 0.3390, 0.3237



80.1125, 0.2914, 0.3344

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.



64.5802, 0.2789, 0.3171



64.5802, 0.3390, 0.3237



64.5802, 0.3018, 0.3494

Square

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



64.5802, 0.3390, 0.3237



64.5802, 0.3365, 0.3602



64.5802, 0.2869, 0.3337



64.5802, 0.2890, 0.2988

Rectangle

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



64.5802, 0.3390, 0.3237



64.5802, 0.3482, 0.3487



64.5802, 0.2869, 0.3337



64.5802, 0.2784, 0.3081

Sweetspot

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



64.5831, 0.3390, 0.3237



91.4405, 0.3200, 0.3274



65.4901, 0.3108, 0.2891



19.3244, 0.3211, 0.3272



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.



64.5831, 0.3390, 0.3237



70.4684, 0.3454, 0.3226



71.1449, 0.3405, 0.3439



15.7927, 0.3273, 0.3259



10.2077, 0.6230, 0.3205



0.8598, 0.5933, 0.3042

Inverse Universe

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



64.5831, 0.3390, 0.3237



70.4684, 0.3454, 0.3226



72.5479, 0.2880, 0.3136



15.7927, 0.3273, 0.3259



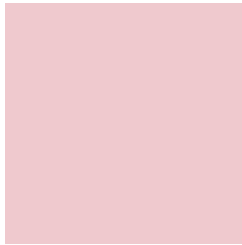
10.2077, 0.6230, 0.3205



0.8598, 0.5933, 0.3042

Previews

White Background



This preview shows how the Yxy color 64.5802, 0.3390, 0.3237 looks on a white background.

Color Contrast Check

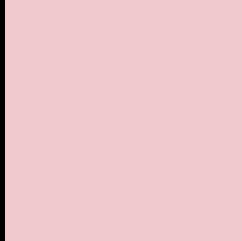
Large Text (above 18pt) WCAG AA × Fail

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 64.5802, 0.3390, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

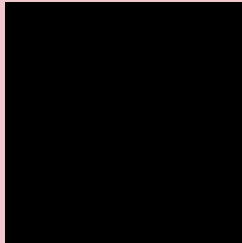
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.5802, 0.3390, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 64.5802, 0.3390, 0.3237.



This preview shows how white text looks on a background with the Yxy color 64.5802, 0.3390, 0.3237.

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

64.5802, 0.3390, 0.3237

Protanopia

64.6002, 0.3151, 0.3268

Deuteranopia

64.7978, 0.3330, 0.3269



Tritanopia

64.7401, 0.3330, 0.3131

Trichromacy



Original Color

64.5802, 0.3390, 0.3237

Protanomaly

64.4340, 0.3236, 0.3257

Deuteranomaly

64.8303, 0.3355, 0.3258

Tritanomaly

64.5873, 0.3353, 0.3163

Monochromacy



Original Color

64.5802, 0.3390, 0.3237

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.7837, 0.3218, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5802, 0.3390, 0.3237 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(239, 201, 206)` looks like.

```
.text, #text, p{  
    color:rgb(239, 201, 206)  
}
```

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(239, 201, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 201, 206) }
```

Border

The CSS property to change the border of an element to Yxy 64.5802, 0.3390, 0.3237 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(239, 201, 206) }
```

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

```
.border{ border-color:rgb(239, 201, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 201, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 201, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 201, 206);  
box-shadow:4px 4px 4px 4px rgb(239, 201,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5802, 0.3390, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 201, 206) }
```

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

```
.background{ background-color: rgb(239,  
201, 206) }
```

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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