

Converting Colors

$Yxy(64.6299, 0.3283, 0.3125)$

Have a look what the booklet for
Yxy(64.6299, 0.3283, 0.3125)
contains.

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Color

Yxy(64.6159, 0.3283, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	ECC9D9
RGB	236, 201, 217
RGB Percent	93%, 79%, 85%
CMY	0.0744, 0.2118, 0.1490
CMYK	0.00, 0.15, 0.08, 0.07
HSL	333°, 48%, 86%
HSV	333°, 15%, 93%
XYZ	68.0135, 64.6159, 74.5393
YIQ	213.2890, 15.7240, 12.3960

Conversions

Conversions Part 2

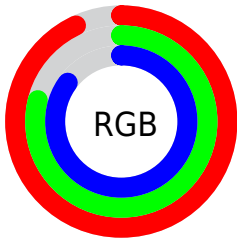
Format	Color
R _Y B	236, 201, 217
Decimal	15518169
CIE Lab	84.29, 14.96, -3.36
CIE LCh	84, 15.329, 347.333
Yxy	64.6159, 0.3283, 0.3119
Android (android.graphics.Color)	4293708249 (0xFFECC9D9)
YUV	213.2890, 1.8295, 19.9175
Hunter-Lab	80.3840, 10.3580, 1.2898

Details

The Yxy color **64.6159, 0.3283, 0.3119** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.5981, 0.2995, 0.3468**, and the grayscale version is **66.7269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.1794, 0.3323, 0.3082** is the 20% darker color. If you saturate the color by 10%, you get **53.8058, 0.3416, 0.2997**, and if you desaturate by 10%, it is **77.1744, 0.3173, 0.3236**.

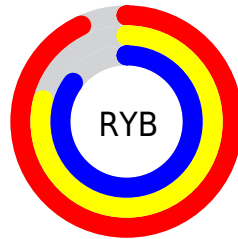
Distribution



Red (93%)

Green (79%)

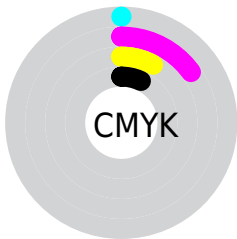
Blue (85%)



Red (93%)

Yellow (79%)

Blue (85%)

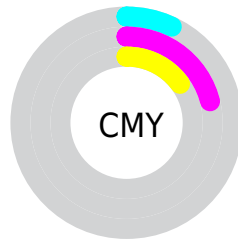


Cyan (0%)

Magenta (15%)

Yellow (8%)

Black (7%)



Cyan (7%)


Magenta (21%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.6159, 0.3283, 0.3119 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 64.6159, 0.3283, 0.3119 by changing the saturation by 10% instead.


 64.6159, 0.3283,
0.3119

 64.6159, 0.3283,
0.3119


441.4104, 0.3210,
0.3199

 47.1497, 0.3300,
0.3101

111.4975, 0.3257,
0.3147

 33.1540, 0.3321,
0.3078


141.6816, 0.3248,
0.3158

 22.2445, 0.3348,
0.3049


176.8738, 0.3239,
0.3167

 14.0366, 0.3384,
0.3010

217.4586, 0.3232,
0.3175

 8.1461, 0.3434,
0.2957

263.8202, 0.3225,
0.3182

 4.1886, 0.3507,
0.2880

316.3431, 0.3219,

 1.7796, 0.3626,

0.3188

0.2756

375.4117, 0.3214,
0.3194

0.4744, 0.3996,
0.2323

0.0000, 0.0000,
0.0000

64.6159, 0.3283,
0.3119

64.6159, 0.3283,
0.3119

53.8058, 0.3416,
0.2997

77.1744, 0.3173,
0.3236

44.6575, 0.3575,
0.2873

91.5458, 0.3083,
0.3346

37.0895, 0.3764,
0.2754

96.5796, 0.3012,
0.3290

31.0105, 0.3984,
0.2647

■ 26.3194, 0.4232,
0.2564

■ 22.9024, 0.4500,
0.2518

■ 20.6273, 0.4777,
0.2521

■ 19.3325, 0.5044,
0.2580

■ 18.9199, 0.5177,
0.2625

Harmonies

Analogous

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



64.6159, 0.3089, 0.3009



64.6159, 0.3283, 0.3119



64.6159, 0.3438, 0.3273

Triad

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



64.6159, 0.3283, 0.3119



64.6159, 0.3341, 0.3629



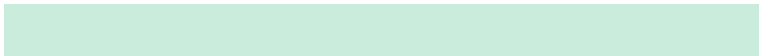
64.6159, 0.2762, 0.3125

Complementary

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



64.6159, 0.3283, 0.3119



77.5981, 0.2995, 0.3468

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.



64.6159, 0.2825, 0.3295



64.6159, 0.3283, 0.3119



64.6159, 0.3156, 0.3594

Square

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



64.6159, 0.3283, 0.3119



64.6159, 0.3471, 0.3568



64.6159, 0.2968, 0.3470



64.6159, 0.2792, 0.3008

Rectangle

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



64.6159, 0.3283, 0.3119



64.6159, 0.3496, 0.3383



64.6159, 0.2968, 0.3470



64.6159, 0.2772, 0.3178

Sweetspot

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



64.6188, 0.3283, 0.3119



93.3123, 0.3165, 0.3245



62.9935, 0.3023, 0.2909



19.7119, 0.3172, 0.3237



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.



64.6188, 0.3283, 0.3119



72.6277, 0.3323, 0.3080



64.3718, 0.3403, 0.3304



15.1686, 0.3221, 0.3183



10.4505, 0.5138, 0.2604



0.8398, 0.4802, 0.2419

Inverse Universe

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



64.6188, 0.3283, 0.3119



72.6277, 0.3323, 0.3080



77.8175, 0.2901, 0.3277



15.1686, 0.3221, 0.3183



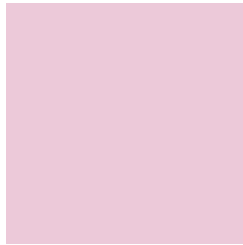
10.4505, 0.5138, 0.2604



0.8398, 0.4802, 0.2419

Previews

White Background



This preview shows how the Yxy color 64.6159, 0.3283, 0.3119 looks on a white background.

Color Contrast Check

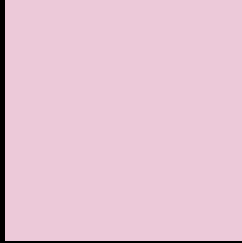
Large Text (above 18pt) WCAG AA × Fail

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 64.6159, 0.3283, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

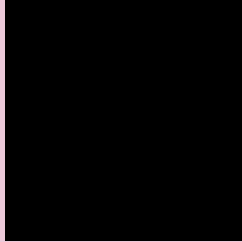
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.6159, 0.3283, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 64.6159, 0.3283, 0.3119.



This preview shows how white text looks on a background with the Yxy color 64.6159, 0.3283, 0.3119.

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

64.6159, 0.3283, 0.3119

Protanopia

64.7237, 0.3053, 0.3144

Deuteranopia

64.6376, 0.3225, 0.3159



Tritanopia

64.6159, 0.3283, 0.3119

Trichromacy



Original Color

64.6159, 0.3283, 0.3119

Protanomaly

64.5256, 0.3134, 0.3135

Deuteranomaly

64.6587, 0.3249, 0.3150

Tritanomaly

64.6159, 0.3283, 0.3119

Monochromacy



Original Color

64.6159, 0.3283, 0.3119

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.8281, 0.3182, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6159, 0.3283, 0.3119 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(236, 201, 217)` looks like.

```
.text, #text, p{  
    color:rgb(236, 201, 217)  
}
```

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(236, 201, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 201, 217) }
```

Border

The CSS property to change the border of an element to Yxy 64.6159, 0.3283, 0.3119 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(236, 201, 217) }
```

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

```
.border{ border-color:rgb(236, 201, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 201, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 201, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 201, 217); box-shadow:4px 4px 4px 4px rgb(236, 201, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6159, 0.3283, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 201, 217) }
```

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

```
.background{ background-color: rgb(236,  
201, 217) }
```

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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