

Converting Colors

Yxy(64.5659, 0.3295, 0.3161)

Have a look what the booklet for
Yxy(64.5659, 0.3295, 0.3161)
contains.

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Color

Yxy(64.7583, 0.3296, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	EBCAD6
RGB	235, 202, 214
RGB Percent	92%, 79%, 84%
CMY	0.0784, 0.2078, 0.1606
CMYK	0.00, 0.14, 0.09, 0.08
HSL	338°, 45%, 86%
HSV	338°, 14%, 92%
XYZ	67.5240, 64.7583, 72.5842
YIQ	213.2350, 15.8160, 10.7280

Conversions

Conversions Part 2

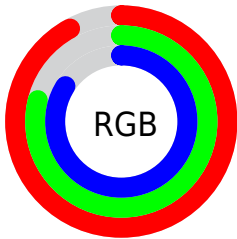
Format	Color
R _Y B	235, 202, 214
Decimal	15452886
CIE Lab	84.36, 13.56, -1.68
CIE LCh	84, 13.667, 352.940
Yxy	64.7583, 0.3296, 0.3161
Android (android.graphics.Color)	4293642966 (0xFFEBCAD6)
YUV	213.2350, 0.3771, 19.0879
Hunter-Lab	80.4725, 8.9513, 2.8527

Details

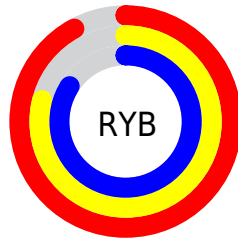
The Yxy color **64.7583, 0.3296, 0.3161** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.3022, 0.2984, 0.3423**, and the grayscale version is **66.6977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.2667, 0.3341, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **53.8316, 0.3449, 0.3063**, and if you desaturate by 10%, it is **77.4399, 0.3171, 0.3254**.

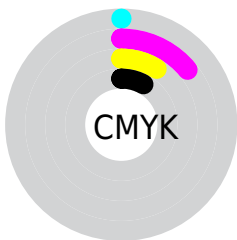
Distribution



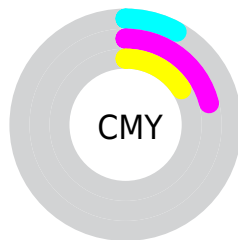
- Red (92%)
- Green (79%)
- Blue (84%)



- Red (92%)
- Yellow (79%)
- Blue (84%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (8%)




- Cyan (8%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.7583, 0.3296, 0.3161 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 64.7583, 0.3296, 0.3161 by changing the saturation by 10% instead.

 64.7583, 0.3296,
0.3161

 64.7583, 0.3296,
0.3161


441.9229, 0.3216,
0.3222

 47.2651, 0.3315,
0.3147


111.7023, 0.3268,
0.3182

 33.2453, 0.3338,
0.3129


141.9219, 0.3257,
0.3190

 22.3144, 0.3367,
0.3107


177.1524, 0.3248,
0.3197

 14.0881, 0.3407,
0.3077

217.7783, 0.3240,
0.3204

 8.1820, 0.3462,
0.3037

264.1839, 0.3233,
0.3209

 4.2116, 0.3543,
0.2976

316.7536, 0.3227,

 1.7926, 0.3677,

0.3214

0.2878

375.8718, 0.3221,
0.3218

0.4826, 0.4124,
0.2520

0.0000, 0.0000,
0.0000

64.7583, 0.3296,
0.3161

64.7583, 0.3296,
0.3161

53.8316, 0.3449,
0.3063

77.4399, 0.3171,
0.3254

44.5737, 0.3634,
0.2964

91.9404, 0.3069,
0.3341

36.9040, 0.3856,
0.2867

96.4031, 0.3005,
0.3290

30.7317, 0.4118,
0.2782

■ 25.9569, 0.4415,
0.2718

■ 22.4673, 0.4740,
0.2689

■ 20.1331, 0.5072,
0.2707

■ 18.7962, 0.5386,
0.2776

■ 18.3305, 0.5558,
0.2835

Harmonies

Analogous

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



64.7583, 0.3126, 0.3052



64.7583, 0.3296, 0.3161



64.7583, 0.3422, 0.3303

Triad

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



64.7583, 0.3296, 0.3161



64.7583, 0.3290, 0.3592



64.7583, 0.2799, 0.3120

Complementary

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



64.7583, 0.3296, 0.3161



77.3022, 0.2984, 0.3423

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.



64.7583, 0.2841, 0.3265



64.7583, 0.3296, 0.3161



64.7583, 0.3121, 0.3545

Square

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



64.7583, 0.3296, 0.3161



64.7583, 0.3417, 0.3554



64.7583, 0.2957, 0.3423



64.7583, 0.2843, 0.3026

Rectangle

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



64.7583, 0.3296, 0.3161



64.7583, 0.3462, 0.3401



64.7583, 0.2957, 0.3423



64.7583, 0.2804, 0.3164

Sweetspot

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



64.7612, 0.3296, 0.3161



93.2535, 0.3171, 0.3254



63.9122, 0.3053, 0.2934



19.6970, 0.3179, 0.3248



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.



64.7612, 0.3296, 0.3161



73.7438, 0.3339, 0.3132



66.2631, 0.3380, 0.3338



15.1449, 0.3236, 0.3204



10.2236, 0.5516, 0.2812



0.8207, 0.5135, 0.2603

Inverse Universe

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



64.7612, 0.3296, 0.3161



73.7438, 0.3339, 0.3132



75.4858, 0.2912, 0.3241



15.1449, 0.3236, 0.3204



10.2236, 0.5516, 0.2812



0.8207, 0.5135, 0.2603

Previews

White Background



This preview shows how the Yxy color 64.7583, 0.3296, 0.3161 looks on a white background.

Color Contrast Check

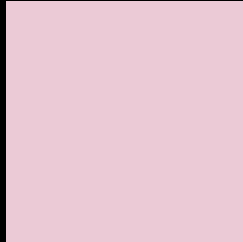
Large Text (above 18pt) WCAG AA × Fail

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 64.7583, 0.3296, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

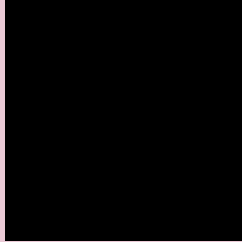
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.7583, 0.3296, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 64.7583, 0.3296, 0.3161.



This preview shows how white text looks on a background with the Yxy color 64.7583, 0.3296, 0.3161.

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

64.7583, 0.3296, 0.3161

Protanopia

64.6599, 0.3087, 0.3189

Deuteranopia

64.8638, 0.3255, 0.3182



Tritanopia

64.4452, 0.3275, 0.3119

Trichromacy



Original Color

64.7583, 0.3296, 0.3161

Protanomaly

64.3680, 0.3156, 0.3168

Deuteranomaly

64.7227, 0.3272, 0.3171

Tritanomaly

64.3933, 0.3282, 0.3129

Monochromacy



Original Color

64.7583, 0.3296, 0.3161

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.7772, 0.3189, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7583, 0.3296, 0.3161 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, 202, 214)` looks like.

```
.text, #text, p{  
    color:rgb(235, 202, 214)  
}
```

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, 202, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 202, 214) }
```

Border

The CSS property to change the border of an element to Yxy 64.7583, 0.3296, 0.3161 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, 202, 214) }
```

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

```
.border{ border-color:rgb(235, 202, 214) }
```

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

Here you see how a box with a 4 pixel rgb(235, 202, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 202, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 202, 214);  
box-shadow:4px 4px 4px 4px rgb(235, 202,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7583, 0.3296, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 202, 214) }
```

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

```
.background{ background-color: rgb(235,  
202, 214) }
```

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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