

Converting Colors

Yxy(64.3454, 0.3244, 0.3034)

Have a look what the booklet for
Yxy(64.3454, 0.3244, 0.3034)
contains.

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Color

Yxy(64.1791, 0.3248, 0.3036)

Conversions

Conversions Part 1

Format	Color
Hex	EDC7DF
RGB	237, 199, 223
RGB Percent	93%, 78%, 87%
CMY	0.0706, 0.2196, 0.1256
CMYK	0.00, 0.16, 0.06, 0.07
HSL	322°, 51%, 85%
HSV	322°, 16%, 93%
XYZ	68.6606, 64.1791, 78.5539
YIQ	213.0980, 14.9440, 15.5200

Conversions

Conversions Part 2

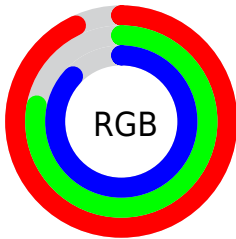
Format	Color
R_{YB}	237, 199, 223
Decimal	15583199
CIE Lab	84.06, 17.35, -6.86
CIE LCh	84, 18.654, 338.419
Yxy	64.1791, 0.3248, 0.3036
Android (android.graphics.Color)	4293773279 (0xFFEDC7DF)
YUV	213.0980, 4.8817, 20.9621
Hunter-Lab	80.1119, 12.7894, -2.0586

Details

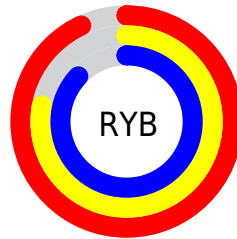
The Yxy color $64.1791, 0.3248, 0.3036$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $77.5124, 0.3023, 0.3558$, and the grayscale version is $66.5678, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.9017, 0.3276, 0.2974$ is the 20% darker color. If you saturate the color by 10%, you get $53.6514, 0.3342, 0.2870$, and if you desaturate by 10%, it is $76.4351, 0.3169, 0.3197$.

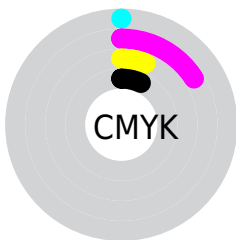
Distribution



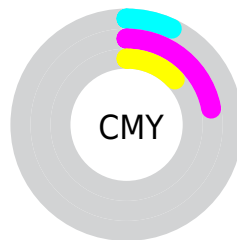
- Red (93%)
- Green (78%)
- Blue (87%)



- Red (93%)
- Yellow (78%)
- Blue (87%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (7%)





- Cyan (7%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1791, 0.3248, 0.3036 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 64.1791, 0.3248, 0.3036 by changing the saturation by 10% instead.

 64.1791, 0.3248,
0.3036

 64.1791, 0.3248,
0.3036


439.8361, 0.3192,
0.3154

 46.7957, 0.3261,
0.3009

110.8688, 0.3229,
0.3077

 32.8742, 0.3277,
0.2976


140.9440, 0.3221,
0.3093

 22.0301, 0.3297,
0.2933


176.0186, 0.3215,
0.3106

 13.8790, 0.3323,
0.2878

216.4769, 0.3209,
0.3118

 8.0366, 0.3359,
0.2802

262.7035, 0.3204,
0.3129

 4.1184, 0.3411,
0.2693


315.0826, 0.3199,

 1.7400, 0.3493,


0.3138


0.2521


373.9987, 0.3196,
0.3146


 0.4493, 0.3749,
0.1980

 0.0000, 0.0000,
0.0000


 64.1791, 0.3248,
0.3036


 64.1791, 0.3248,
0.3036


 53.6514, 0.3342,
0.2870


 76.4351, 0.3169,
0.3197

 44.7647, 0.3452,
0.2703

 90.4846, 0.3102,
0.3350

 37.4372, 0.3578,
0.2543

 96.3762, 0.3049,
0.3347

 31.5761, 0.3721,
0.2399

 96.7427, 0.3017,
0.3290

■ 27.0790, 0.3877,
0.2283

■ 23.8303, 0.4042,
0.2205

■ 21.6947, 0.4210,
0.2177

■ 20.5050, 0.4375,
0.2200

■ 20.1872, 0.4439,
0.2219

Harmonies

Analogous

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



64.1791, 0.3010, 0.2925



64.1791, 0.3248, 0.3036



64.1791, 0.3459, 0.3210

Triad

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



64.1791, 0.3248, 0.3036



64.1791, 0.3444, 0.3693



64.1791, 0.2695, 0.3144

Complementary

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



64.1791, 0.3248, 0.3036



77.5124, 0.3023, 0.3558

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.



64.1791, 0.2802, 0.3361



64.1791, 0.3248, 0.3036



64.1791, 0.3231, 0.3689

Square

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



64.1791, 0.3248, 0.3036



64.1791, 0.3573, 0.3586



64.1791, 0.2997, 0.3566



64.1791, 0.2698, 0.2979

Rectangle

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



64.1791, 0.3248, 0.3036



64.1791, 0.3553, 0.3342



64.1791, 0.2997, 0.3566



64.1791, 0.2719, 0.3214

Sweetspot

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



64.1819, 0.3248, 0.3036



91.8336, 0.3161, 0.3213



61.1043, 0.2967, 0.2871



19.4198, 0.3166, 0.3202



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.



64.1819, 0.3248, 0.3036



71.7884, 0.3275, 0.2986



63.2196, 0.3391, 0.3236



15.2139, 0.3194, 0.3142



11.0487, 0.4414, 0.2205



0.8861, 0.4203, 0.2089

Inverse Universe

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



64.1819, 0.3248, 0.3036



71.7884, 0.3275, 0.2986



78.5282, 0.2913, 0.3345



15.2139, 0.3194, 0.3142



11.0487, 0.4414, 0.2205



0.8861, 0.4203, 0.2089

Previews

White Background



This preview shows how the Yxy color 64.1791, 0.3248, 0.3036 looks on a white background.

Color Contrast Check

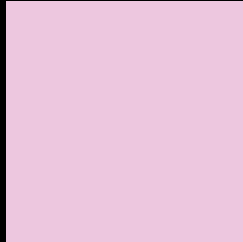
Large Text (above 18pt) WCAG AA × Fail

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 64.1791, 0.3248, 0.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

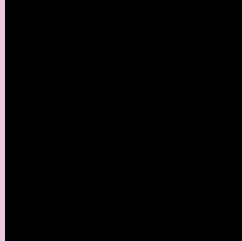
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.1791, 0.3248, 0.3036

Background



This preview shows how black text looks on a background with the Yxy color 64.1791, 0.3248, 0.3036.



This preview shows how white text looks on a background with the Yxy color 64.1791, 0.3248, 0.3036.

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

64.1791, 0.3248, 0.3036

Protanopia

64.1788, 0.2985, 0.3055

Deuteranopia

64.4672, 0.3159, 0.3094



Tritanopia

64.0993, 0.3291, 0.3119

Trichromacy



Original Color

64.1791, 0.3248, 0.3036

Protanomaly

64.2688, 0.3079, 0.3048

Deuteranomaly

64.1730, 0.3191, 0.3074

Tritanomaly

64.2559, 0.3269, 0.3087

Monochromacy



Original Color

64.1791, 0.3248, 0.3036

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.6511, 0.3169, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1791, 0.3248, 0.3036 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, 199, 223)` looks like.

```
.text, #text, p{  
    color:rgb(237, 199, 223)  
}
```

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, 199, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 199, 223) }
```

Border

The CSS property to change the border of an element to Yxy 64.1791, 0.3248, 0.3036 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, 199, 223) }
```

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

```
.border{ border-color:rgb(237, 199, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 199, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 199, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 199, 223);  
box-shadow:4px 4px 4px 4px rgb(237, 199,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1791, 0.3248, 0.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 199, 223) }
```

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

```
.background{ background-color: rgb(237,  
199, 223) }
```

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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