

Converting Colors

Yxy(64.2685, 0.3289, 0.3254)

Have a look what the booklet for
Yxy(64.2685, 0.3289, 0.3254)
contains.

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Color

Yxy(64.1847, 0.3291, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	E4CCCF
RGB	228, 204, 207
RGB Percent	89%, 80%, 81%
CMY	0.1059, 0.2000, 0.1881
CMYK	0.00, 0.11, 0.09, 0.11
HSL	352°, 31%, 85%
HSV	352°, 11%, 89%
XYZ	64.8547, 64.1847, 68.0275
YIQ	211.5180, 13.3410, 6.0210

Conversions

Conversions Part 2

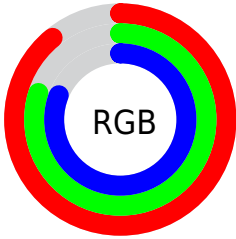
Format	Color
R_{YB}	228, 204, 207
Decimal	14994639
CIE _{Lab}	84.06, 8.89, 1.54
CIE _{LCh}	84, 9.020, 9.852
Yxy	64.1847, 0.3291, 0.3257
Android (android.graphics.Color)	4293184719 (0xFFE4CCCF)
YUV	211.5180, -2.2274, 14.4547
Hunter-Lab	80.1154, 4.2969, 5.7365

Details

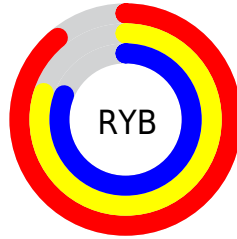
The Yxy color $64.1847, 0.3291, 0.3257$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73.7605, 0.2984, 0.3323$, and the grayscale version is $65.5135, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.8833, 0.3325, 0.3247$ is the 20% darker color. If you saturate the color by 10%, you get $53.2171, 0.3486, 0.3224$, and if you desaturate by 10%, it is $76.8673, 0.3135, 0.3288$.

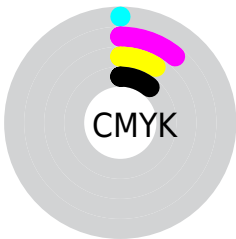
Distribution



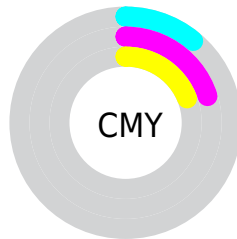
- Red (89%)
- Green (80%)
- Blue (81%)



- Red (89%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (11%)




- Cyan (11%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.1847, 0.3291, 0.3257 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 64.1847, 0.3291, 0.3257 by changing the saturation by 10% instead.

 64.1847, 0.3291,
0.3257

 64.1847, 0.3291,
0.3257


439.8563, 0.3213,
0.3273

 46.8003, 0.3309,
0.3253


110.8769, 0.3264,
0.3263

 32.8778, 0.3332,
0.3248


140.9535, 0.3253,
0.3265

 22.0329, 0.3362,
0.3242


176.0295, 0.3244,
0.3267

 13.8810, 0.3401,
0.3234

216.4895, 0.3236,
0.3268

 8.0380, 0.3456,
0.3221

262.7178, 0.3229,
0.3270

 4.1193, 0.3539,
0.3203

315.0987, 0.3223,

 1.7405, 0.3677,

0.3271

0.3170

374.0168, 0.3218,
0.3272

0.4497, 0.4366,
0.3047

0.0000, 0.0000,
0.0000

64.1847, 0.3291,
0.3257

64.1847, 0.3291,
0.3257

53.2171, 0.3486,
0.3224

76.8673, 0.3135,
0.3288

43.8829, 0.3727,
0.3189

91.3253, 0.3009,
0.3317

36.1064, 0.4024,
0.3156

95.2346, 0.2964,
0.3290

29.8026, 0.4379,
0.3127

■ 24.8783, 0.4789,
0.3108

■ 21.2299, 0.5232,
0.3106

■ 18.7389, 0.5664,
0.3127

■ 17.2644, 0.6026,
0.3171

■ 16.5827, 0.6261,
0.3223

Harmonies

Analogous

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



64.1847, 0.3192, 0.3168



64.1847, 0.3291, 0.3257



64.1847, 0.3346, 0.3356

Triad

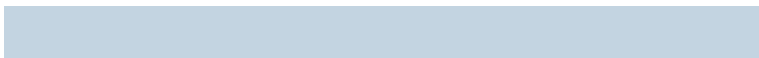
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.1847, 0.3291, 0.3257



64.1847, 0.3174, 0.3477



64.1847, 0.2918, 0.3138

Complementary

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



64.1847, 0.3291, 0.3257



73.7605, 0.2984, 0.3323

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.



64.1847, 0.2914, 0.3218



64.1847, 0.3291, 0.3257



64.1847, 0.3060, 0.3417

Square

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



64.1847, 0.3291, 0.3257



64.1847, 0.3277, 0.3485



64.1847, 0.2965, 0.3321



64.1847, 0.2977, 0.3099

Rectangle

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



64.1847, 0.3291, 0.3257



64.1847, 0.3349, 0.3415



64.1847, 0.2965, 0.3321



64.1847, 0.2910, 0.3160

Sweetspot

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



64.1875, 0.3291, 0.3257



94.7929, 0.3170, 0.3281



64.7635, 0.3115, 0.3030



19.9992, 0.3182, 0.3278



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.



64.1875, 0.3291, 0.3257



78.9166, 0.3337, 0.3249



68.3430, 0.3302, 0.3387



14.3976, 0.3273, 0.3261



9.5845, 0.6236, 0.3209



0.7180, 0.5913, 0.3031

Inverse Universe

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



64.1875, 0.3291, 0.3257



78.9166, 0.3337, 0.3249



69.2078, 0.2964, 0.3191



14.3976, 0.3273, 0.3261



9.5845, 0.6236, 0.3209



0.7180, 0.5913, 0.3031

Previews

White Background



This preview shows how the Yxy color 64.1847, 0.3291, 0.3257 looks on a white background.

Color Contrast Check

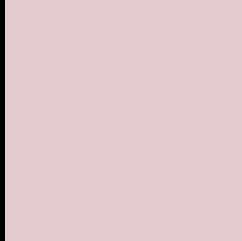
Large Text (above 18pt) WCAG AA × Fail

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 64.1847, 0.3291, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

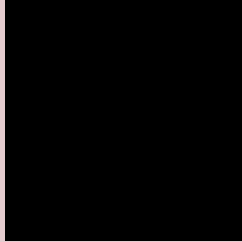
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.1847, 0.3291, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 64.1847, 0.3291, 0.3257.



This preview shows how white text looks on a background with the Yxy color 64.1847, 0.3291, 0.3257.

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

64.1847, 0.3291, 0.3257

Protanopia

64.4002, 0.3150, 0.3279

Deuteranopia

64.2058, 0.3316, 0.3247



Tritanopia

64.1260, 0.3228, 0.3117

Trichromacy



Original Color

64.1847, 0.3291, 0.3257

Protanomaly

64.1345, 0.3196, 0.3268

Deuteranomaly

64.0399, 0.3308, 0.3247

Tritanomaly

64.2249, 0.3248, 0.3170

Monochromacy



Original Color

64.1847, 0.3291, 0.3257

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.1595, 0.3188, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1847, 0.3291, 0.3257 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(228, 204, 207)` looks like.

```
.text, #text, p{  
    color:rgb(228, 204, 207)  
}
```

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(228, 204, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 204, 207) }
```

Border

The CSS property to change the border of an element to Yxy 64.1847, 0.3291, 0.3257 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(228, 204, 207) }
```

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

```
.border{ border-color:rgb(228, 204, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 204, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 204, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 204, 207);  
box-shadow:4px 4px 4px 4px rgb(228, 204,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1847, 0.3291, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 204, 207) }
```

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

```
.background{ background-color: rgb(228,  
204, 207) }
```

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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