

Converting Colors

Yxy(64.2196, 0.3192, 0.3155)

Have a look what the booklet for
Yxy(64.2196, 0.3192, 0.3155)
contains.

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Color

Yxy(64.0428, 0.3187, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	E0CCD9
RGB	224, 204, 217
RGB Percent	88%, 80%, 85%
CMY	0.1216, 0.2000, 0.1489
CMYK	0.00, 0.09, 0.03, 0.12
HSL	321°, 24%, 84%
HSV	321°, 9%, 88%
XYZ	64.8568, 64.0428, 74.6047
YIQ	211.4620, 7.7470, 8.2830

Conversions

Conversions Part 2

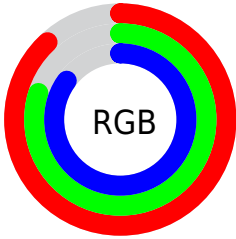
Format	Color
RYB	224, 204, 217
Decimal	14732505
CIELab	83.99, 9.21, -3.93
CIELCh	84, 10.011, 336.913
Yxy	64.0428, 0.3187, 0.3147
Android (android.graphics.Color)	4292922585 (0xFFE0CCD9)
YUV	211.4620, 2.7302, 10.9958
Hunter-Lab	80.0267, 4.6166, 0.7458

Details

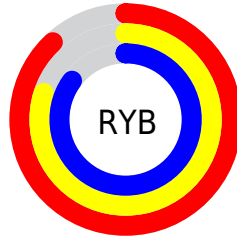
The Yxy color $64.0428, 0.3187, 0.3147$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70.8443, 0.3072, 0.3437$, and the grayscale version is $65.4420, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.8563, 0.3206, 0.3118$ is the 20% darker color. If you saturate the color by 10%, you get $53.7555, 0.3266, 0.2980$, and if you desaturate by 10%, it is $75.8861, 0.3121, 0.3307$.

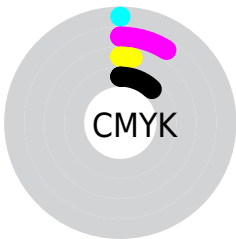
Distribution



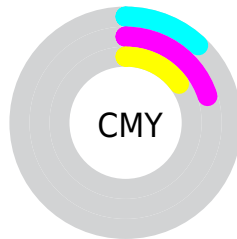
- Red (88%)
- Green (80%)
- Blue (85%)



- Red (88%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (12%)





- Cyan (12%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0428, 0.3187, 0.3147 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 64.0428, 0.3187, 0.3147 by changing the saturation by 10% instead.

 64.0428, 0.3187,
0.3147

 64.0428, 0.3187,
0.3147

439.3442, 0.3159,
0.3214

 46.6853, 0.3193,
0.3131


110.6726, 0.3177,
0.3170

 32.7870, 0.3201,
0.3112


140.7137, 0.3173,
0.3179

 21.9633, 0.3212,
0.3088


175.7514, 0.3170,
0.3187

 13.8299, 0.3225,
0.3055

216.1703, 0.3167,
0.3194

 8.0025, 0.3244,
0.3010

262.3546, 0.3165,
0.3200

 4.0965, 0.3271,
0.2944

314.6887, 0.3163,

 1.7277, 0.3315,

0.3205

0.2837

373.5571, 0.3161,
0.3210

0.4415, 0.3500,
0.2398

0.0000, 0.0000,
0.0000

64.0428, 0.3187,
0.3147

64.0428, 0.3187,
0.3147

53.7555, 0.3266,
0.2980

75.8861, 0.3121,
0.3307

44.9504, 0.3359,
0.2808

89.3384, 0.3065,
0.3457

37.5605, 0.3466,
0.2638

93.6827, 0.3020,
0.3438

31.5100, 0.3589,
0.2478

94.1578, 0.2977,
0.3358

■ 26.7162, 0.3726,
0.2336

■ 94.5852, 0.2940,
0.3289

■ 23.0871, 0.3873,
0.2226

■ 20.5180, 0.4028,
0.2157

■ 18.8852, 0.4183,
0.2137

■ 17.9973, 0.4334,
0.2166

Harmonies

Analogous

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



64.0428, 0.3060, 0.3088



64.0428, 0.3187, 0.3147



64.0428, 0.3300, 0.3243

Triad

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



64.0428, 0.3187, 0.3147



64.0428, 0.3303, 0.3504



64.0428, 0.2893, 0.3220

Complementary

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



64.0428, 0.3187, 0.3147



70.8443, 0.3072, 0.3437

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.



64.0428, 0.2956, 0.3336



64.0428, 0.3187, 0.3147



64.0428, 0.3191, 0.3502

Square

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



64.0428, 0.3187, 0.3147



64.0428, 0.3368, 0.3448



64.0428, 0.3064, 0.3440



64.0428, 0.2892, 0.3127

Rectangle

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



64.0428, 0.3187, 0.3147



64.0428, 0.3351, 0.3316



64.0428, 0.3064, 0.3440



64.0428, 0.2908, 0.3258

Sweetspot

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



64.0456, 0.3187, 0.3147



95.0453, 0.3146, 0.3242



62.3703, 0.3038, 0.3065



20.0672, 0.3152, 0.3230



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.



64.0456, 0.3187, 0.3147



82.7772, 0.3203, 0.3111



63.5561, 0.3257, 0.3253



13.8503, 0.3191, 0.3138



10.4537, 0.4328, 0.2158



0.7413, 0.4111, 0.2039

Inverse Universe

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



64.0456, 0.3187, 0.3147



82.7772, 0.3203, 0.3111



71.3449, 0.3011, 0.3327



13.8503, 0.3191, 0.3138



10.4537, 0.4328, 0.2158



0.7413, 0.4111, 0.2039

Previews

White Background



This preview shows how the Yxy color 64.0428, 0.3187, 0.3147 looks on a white background.

Color Contrast Check

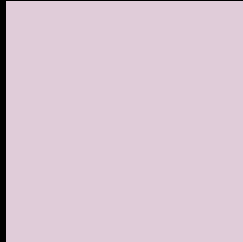
Large Text (above 18pt) WCAG AA × Fail

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 64.0428, 0.3187, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

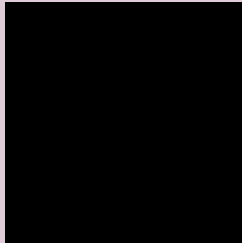
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

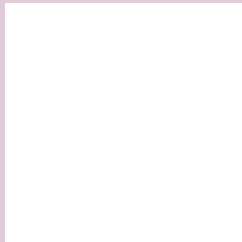
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.0428, 0.3187, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 64.0428, 0.3187, 0.3147.

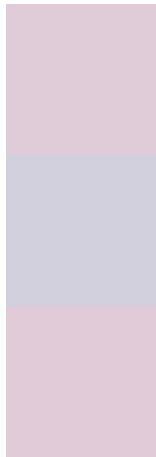


This preview shows how white text looks on a background with the Yxy color 64.0428, 0.3187, 0.3147.

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

64.0428, 0.3187, 0.3147

Protanopia

63.9807, 0.3059, 0.3155

Deuteranopia

63.8904, 0.3203, 0.3137



Tritanopia

64.2003, 0.3166, 0.3115

Trichromacy



Original Color

64.0428, 0.3187, 0.3147

Protanomaly

64.1872, 0.3104, 0.3156

Deuteranomaly

63.7292, 0.3196, 0.3137

Tritanomaly

64.1475, 0.3173, 0.3126

Monochromacy



Original Color

64.0428, 0.3187, 0.3147

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.5148, 0.3152, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0428, 0.3187, 0.3147 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(224, 204, 217) looks like.

```
.text, #text, p{  
    color:rgb(224, 204, 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(224, 204, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 204, 217) }
```

Border

The CSS property to change the border of an element to Yxy 64.0428, 0.3187, 0.3147 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(224, 204, 217) }
```

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

```
.border{ border-color:rgb(224, 204, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 204, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 204, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 204, 217);  
box-shadow:4px 4px 4px 4px rgb(224, 204,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0428, 0.3187, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 204, 217) }
```

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

```
.background{ background-color: rgb(224,  
204, 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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