

Converting Colors

Yxy(64.0477, 0.3299, 0.3130)

Have a look what the booklet for
Yxy(64.0477, 0.3299, 0.3130)
contains.

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Color

Yxy(64.0477, 0.3299, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	ECC8D7
RGB	236, 200, 215
RGB Percent	93%, 78%, 84%
CMY	0.0745, 0.2156, 0.1570
CMYK	0.00, 0.15, 0.09, 0.07
HSL	335°, 49%, 85%
HSV	335°, 15%, 93%
XYZ	67.5059, 64.0477, 73.0717
YIQ	212.4740, 16.6410, 12.2970

Conversions

Conversions Part 2

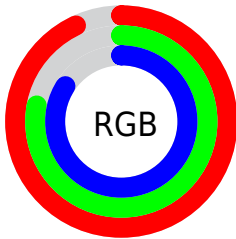
Format	Color
R _{YB}	236, 200, 215
Decimal	15517911
CIE Lab	83.99, 15.11, -2.71
CIE LCh	84, 15.352, 349.851
Yxy	64.0477, 0.3299, 0.3130
Android (android.graphics.Color)	4293707991 (0xFFECC8D7)
YUV	212.4740, 1.2453, 20.6323
Hunter-Lab	80.0298, 10.5142, 1.8858

Details

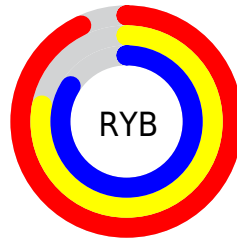
The Yxy color $64.0477, 0.3299, 0.3130$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $77.4887, 0.2982, 0.3456$, and the grayscale version is $66.1534, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.7991, 0.3345, 0.3095$ is the 20% darker color. If you saturate the color by 10%, you get $53.2700, 0.3443, 0.3019$, and if you desaturate by 10%, it is $76.5779, 0.3181, 0.3237$.

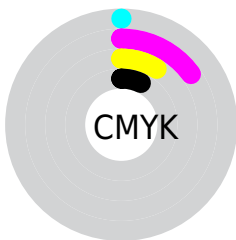
Distribution



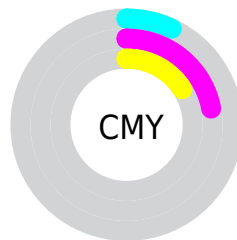
- Red (93%)
- Green (78%)
- Blue (84%)



- Red (93%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (7%)




- Cyan (7%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0477, 0.3299, 0.3130 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 64.0477, 0.3299, 0.3130 by changing the saturation by 10% instead.


 64.0477, 0.3299,
0.3130

 64.0477, 0.3299,
0.3130

439.3619, 0.3218,
0.3205

 46.6893, 0.3318,
0.3113


110.6796, 0.3271,
0.3156

 32.7901, 0.3341,
0.3091


140.7220, 0.3260,
0.3166

 21.9657, 0.3372,
0.3063


175.7611, 0.3250,
0.3175

 13.8317, 0.3412,
0.3027

216.1813, 0.3242,
0.3183

 8.0037, 0.3467,
0.2977

262.3671, 0.3235,
0.3189

 4.0973, 0.3550,
0.2903

314.7029, 0.3229,

 1.7282, 0.3686,

0.3195

0.2783

373.5730, 0.3223,
0.3200

0.4418, 0.4150,
0.2324

0.0000, 0.0000,
0.0000

64.0477, 0.3299,
0.3130

64.0477, 0.3299,
0.3130

53.2700, 0.3443,
0.3019

76.5779, 0.3181,
0.3237

44.1577, 0.3616,
0.2906

90.9258, 0.3083,
0.3337

36.6291, 0.3823,
0.2797

96.5712, 0.3011,
0.3290

30.5919, 0.4064,
0.2701

■ 25.9444, 0.4336,
0.2629

■ 22.5719, 0.4632,
0.2594

■ 20.3411, 0.4934,
0.2608

■ 19.0883, 0.5222,
0.2676

■ 18.7147, 0.5351,
0.2722

Harmonies

Analogous

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



64.0477, 0.3105, 0.3014



64.0477, 0.3299, 0.3130



64.0477, 0.3449, 0.3287

Triad

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



64.0477, 0.3299, 0.3130



64.0477, 0.3328, 0.3631



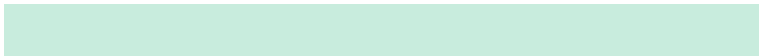
64.0477, 0.2759, 0.3112

Complementary

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



64.0477, 0.3299, 0.3130



77.4887, 0.2982, 0.3456

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.



64.0477, 0.2815, 0.3280



64.0477, 0.3299, 0.3130



64.0477, 0.3140, 0.3588

Square

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



64.0477, 0.3299, 0.3130



64.0477, 0.3465, 0.3577



64.0477, 0.2952, 0.3457



64.0477, 0.2798, 0.3000

Rectangle

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



64.0477, 0.3299, 0.3130



64.0477, 0.3501, 0.3397



64.0477, 0.2952, 0.3457



64.0477, 0.2767, 0.3164

Sweetspot

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



64.0505, 0.3299, 0.3130



91.6626, 0.3178, 0.3239



62.7424, 0.3033, 0.2900



19.3782, 0.3186, 0.3232



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.



64.0505, 0.3299, 0.3130



72.5214, 0.3337, 0.3099



64.7192, 0.3408, 0.3323



15.1579, 0.3228, 0.3192



10.3413, 0.5310, 0.2699



0.8308, 0.4952, 0.2501

Inverse Universe

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



64.0505, 0.3299, 0.3130



72.5214, 0.3337, 0.3099



76.6100, 0.2895, 0.3256



15.1579, 0.3228, 0.3192



10.3413, 0.5310, 0.2699



0.8308, 0.4952, 0.2501

Previews

White Background



This preview shows how the Yxy color 64.0477, 0.3299, 0.3130 looks on a white background.

Color Contrast Check

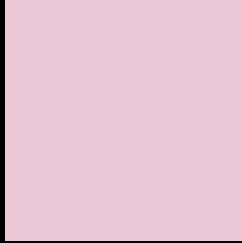
Large Text (above 18pt) WCAG AA × Fail

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 64.0477, 0.3299, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

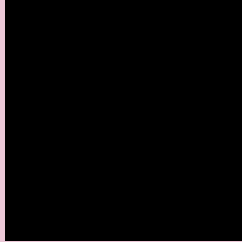
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.0477, 0.3299, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 64.0477, 0.3299, 0.3130.



This preview shows how white text looks on a background with the Yxy color 64.0477, 0.3299, 0.3130.

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

64.0477, 0.3299, 0.3130

Protanopia

63.9807, 0.3059, 0.3155

Deuteranopia

64.0609, 0.3241, 0.3170



Tritanopia

64.0993, 0.3291, 0.3119

Trichromacy



Original Color

64.0477, 0.3299, 0.3130

Protanomaly

63.7847, 0.3141, 0.3146

Deuteranomaly

64.0850, 0.3265, 0.3160

Tritanomaly

64.0993, 0.3291, 0.3119

Monochromacy



Original Color

64.0477, 0.3299, 0.3130

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.2880, 0.3190, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0477, 0.3299, 0.3130 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, 200, 215)` looks like.

```
.text, #text, p{  
    color:rgb(236, 200, 215)  
}
```

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, 200, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 200, 215) }
```

Border

The CSS property to change the border of an element to Yxy 64.0477, 0.3299, 0.3130 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, 200, 215) }
```

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

```
.border{ border-color:rgb(236, 200, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 200, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 200, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 200, 215);  
box-shadow:4px 4px 4px 4px rgb(236, 200,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0477, 0.3299, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 200, 215) }
```

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

```
.background{ background-color: rgb(236,  
200, 215) }
```

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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