

Converting Colors

Yxy(63.9741, 0.3296, 0.3297)

Have a look what the booklet for
Yxy(63.9741, 0.3296, 0.3297)
contains.

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Color

Yxy(64.1910, 0.3297, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	E2CDCC
RGB	226, 205, 204
RGB Percent	89%, 80%, 80%
CMY	0.1137, 0.1961, 0.2001
CMYK	0.00, 0.09, 0.10, 0.11
HSL	3°, 28%, 84%
HSV	3°, 10%, 89%
XYZ	64.0938, 64.1910, 66.1156
YIQ	211.1650, 12.8370, 4.1410

Conversions

Conversions Part 2

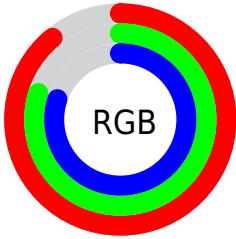
Format	Color
R _Y B	226, 205, 204
Decimal	14863820
CIE Lab	84.07, 7.14, 3.17
CIE LCh	84, 7.814, 23.901
Yxy	64.1910, 0.3297, 0.3302
Android (android.graphics.Color)	4293053900 (0xFFE2CDCC)
YUV	211.1650, -3.5323, 13.0103
Hunter-Lab	80.1193, 2.5876, 7.1566

Details

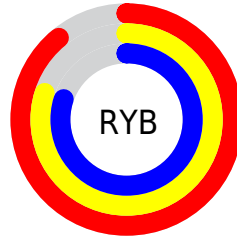
The Yxy color **64.1910, 0.3297, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1601, 0.2977, 0.3278**, and the grayscale version is **65.2747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.9932, 0.3343, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **53.5832, 0.3513, 0.3315**, and if you desaturate by 10%, it is **76.3799, 0.3123, 0.3290**.

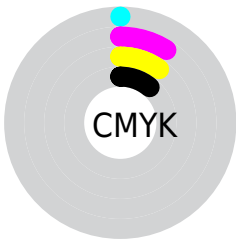
Distribution



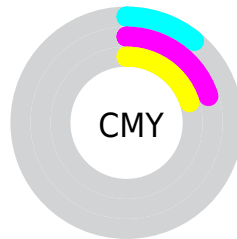
- Red (89%)
- Green (80%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (11%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.1910, 0.3297, 0.3302 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 64.1910, 0.3297, 0.3302 by changing the saturation by 10% instead.


 64.1910, 0.3297,
0.3302

 64.1910, 0.3297,
0.3302


439.8790, 0.3216,
0.3297

 46.8054, 0.3316,
0.3303


110.8860, 0.3269,
0.3300

 32.8818, 0.3340,
0.3304


140.9641, 0.3258,
0.3300

 22.0359, 0.3370,
0.3306


176.0419, 0.3248,
0.3299

 13.8833, 0.3411,
0.3308


216.5037, 0.3240,
0.3299

 8.0395, 0.3469,
0.3310

262.7339, 0.3233,
0.3298

 4.1203, 0.3555,
0.3312

315.1169, 0.3227,

 1.7411, 0.3700,

0.3298

0.3314

374.0372, 0.3221,
0.3297

0.4500, 0.4559,
0.3407

0.0000, 0.0000,
0.0000

64.1910, 0.3297,
0.3302

64.1910, 0.3297,
0.3302

53.5832, 0.3513,
0.3315

76.3799, 0.3123,
0.3290

44.4835, 0.3781,
0.3329

90.2018, 0.2983,
0.3279

36.8263, 0.4109,
0.3343

94.9109, 0.2952,
0.3289

30.5373, 0.4500,
0.3355

■ 25.5360, 0.4946,
0.3363

■ 21.7333, 0.5417,
0.3364

■ 19.0288, 0.5853,
0.3356

■ 17.3059, 0.6185,
0.3339

■ 16.4159, 0.6371,
0.3321

Harmonies

Analogous

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



64.1910, 0.3227, 0.3218



64.1910, 0.3297, 0.3302



64.1910, 0.3321, 0.3384

Triad

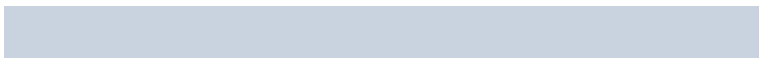
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.1910, 0.3297, 0.3302



64.1910, 0.3121, 0.3433



64.1910, 0.2965, 0.3137

Complementary

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



64.1910, 0.3297, 0.3302



72.1601, 0.2977, 0.3278

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.



64.1910, 0.2937, 0.3192



64.1910, 0.3297, 0.3302



64.1910, 0.3027, 0.3363

Square

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



64.1910, 0.3297, 0.3302



64.1910, 0.3218, 0.3462



64.1910, 0.2960, 0.3275



64.1910, 0.3035, 0.3124

Rectangle

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



64.1910, 0.3297, 0.3302



64.1910, 0.3307, 0.3427



64.1910, 0.2960, 0.3275



64.1910, 0.2950, 0.3151

Sweetspot

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



64.1938, 0.3297, 0.3302



94.9542, 0.3176, 0.3294



64.7913, 0.3144, 0.3059



20.0425, 0.3190, 0.3295



0.0000, 0.0000, 0.0000



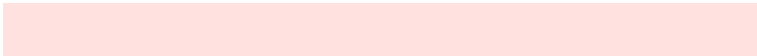
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.1938, 0.3297, 0.3302



80.9713, 0.3343, 0.3305



69.4993, 0.3284, 0.3419



13.8037, 0.3291, 0.3302



9.4045, 0.6365, 0.3328



0.6890, 0.6262, 0.3410

Inverse Universe

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



72.1601, 0.2977, 0.3278



93.7336, 0.2942, 0.3275



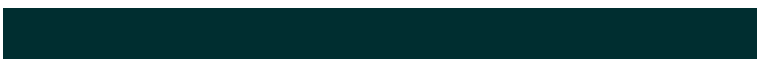
66.5460, 0.2976, 0.3157



15.4557, 0.2982, 0.3278



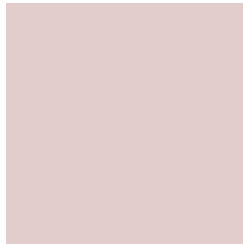
31.0084, 0.2206, 0.3143



2.1840, 0.2213, 0.3167

Previews

White Background



This preview shows how the Yxy color 64.1910, 0.3297, 0.3302 looks on a white background.

Color Contrast Check

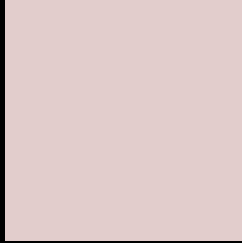
Large Text (above 18pt) WCAG AA × Fail

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 64.1910, 0.3297, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

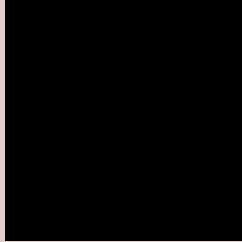
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.1910, 0.3297, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 64.1910, 0.3297, 0.3302.



This preview shows how white text looks on a background with the Yxy color 64.1910, 0.3297, 0.3302.

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

64.1910, 0.3297, 0.3302

Protanopia

64.3533, 0.3186, 0.3324

Deuteranopia

64.2273, 0.3346, 0.3280



Tritanopia

64.3203, 0.3204, 0.3116

Trichromacy



Original Color

64.1910, 0.3297, 0.3302

Protanomaly

64.4250, 0.3224, 0.3324

Deuteranomaly

64.3684, 0.3329, 0.3291

Tritanomaly

64.3717, 0.3232, 0.3181

Monochromacy



Original Color

64.1910, 0.3297, 0.3302

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.7539, 0.3187, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1910, 0.3297, 0.3302 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(226, 205, 204) looks like.

```
.text, #text, p{  
    color:rgb(226, 205, 204)  
}
```

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(226, 205, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 205, 204) }
```

Border

The CSS property to change the border of an element to Yxy 64.1910, 0.3297, 0.3302 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(226, 205, 204) }
```

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

```
.border{ border-color:rgb(226, 205, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 205, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 205, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 205, 204);  
box-shadow:4px 4px 4px 4px rgb(226, 205,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1910, 0.3297, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 205, 204) }
```

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

```
.background{ background-color: rgb(226,  
205, 204) }
```

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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