

Converting Colors

Yxy(60.0566, 0.3247, 0.3241)

Have a look what the booklet for
Yxy(60.0566, 0.3247, 0.3241)
contains.

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Color

Yxy(60.0641, 0.3248, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	DAC7CB
RGB	218, 199, 203
RGB Percent	85%, 78%, 80%
CMY	0.1450, 0.2196, 0.2040
CMYK	0.00, 0.09, 0.07, 0.15
HSL	347°, 20%, 82%
HSV	347°, 9%, 85%
XYZ	60.1196, 60.0641, 64.9137
YIQ	205.1370, 10.0400, 5.2720

Conversions

Conversions Part 2

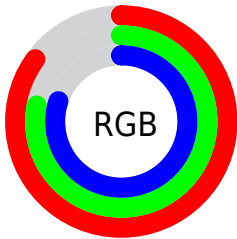
Format	Color
R _Y B	218, 199, 203
Decimal	14337995
CIE Lab	81.87, 7.34, 0.42
CIE LCh	82, 7.348, 3.269
Yxy	60.0641, 0.3248, 0.3245
Android (android.graphics.Color)	4292528075 (0xFFDAC7CB)
YUV	205.1370, -1.0535, 11.2809
Hunter-Lab	77.5010, 2.8404, 4.5903

Details

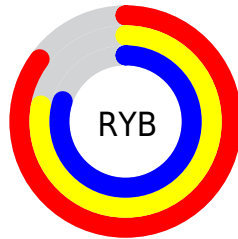
The Yxy color **60.0641, 0.3248, 0.3245** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1541, 0.3019, 0.3336**, and the grayscale version is **61.1466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.2073, 0.3278, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **49.9657, 0.3417, 0.3190**, and if you desaturate by 10%, it is **71.6964, 0.3111, 0.3296**.

Distribution



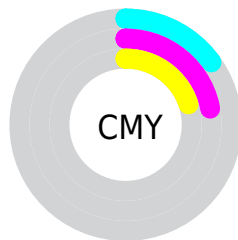
- Red (85%)
- Green (78%)
- Blue (80%)



- Red (85%)
- Yellow (78%)
- Blue (80%)



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



- Cyan (15%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0641, 0.3248, 0.3245 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 60.0641, 0.3248, 0.3245 by changing the saturation by 10% instead.

60.0641, 0.3248,
0.3245

60.0641, 0.3248,
0.3245

424.8340, 0.3190,
0.3267

43.4703, 0.3262,
0.3240

104.9226, 0.3227,
0.3253

30.2543, 0.3279,
0.3233

133.9562, 0.3220,
0.3256

20.0317, 0.3302,
0.3225

167.9051, 0.3213,
0.3258

12.4181, 0.3332,
0.3213

207.1538, 0.3207,
0.3260

7.0291, 0.3375,
0.3197

252.0866, 0.3202,
0.3262

3.4803, 0.3440,
0.3172

303.0880, 0.3198,

1.3873, 0.3553,

0.3264

360.5423, 0.3194,
0.3265

0.3129

0.2074, 0.4823,
0.2658

0.0000, 0.0000,
0.0000

60.0641, 0.3248,
0.3245

60.0641, 0.3248,
0.3245

49.9657, 0.3417,
0.3190

71.6964, 0.3111,
0.3296

41.3296, 0.3626,
0.3133

84.9148, 0.3001,
0.3344

34.0901, 0.3881,
0.3077

93.6293, 0.2907,
0.3292

28.1734, 0.4188,
0.3025

93.6490, 0.2906,
0.3289

■ 23.4990, 0.4546,
0.2986

■ 19.9775, 0.4944,
0.2968

■ 17.5073, 0.5355,
0.2981

■ 15.9692, 0.5735,
0.3031

■ 15.1816, 0.6039,
0.3110

Harmonies

Analogous

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



60.0641, 0.3161, 0.3175



60.0641, 0.3248, 0.3245



60.0641, 0.3303, 0.3328

Triad

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



60.0641, 0.3248, 0.3245



60.0641, 0.3187, 0.3451



60.0641, 0.2948, 0.3175

Complementary

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



60.0641, 0.3248, 0.3245



67.1541, 0.3019, 0.3336

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.



60.0641, 0.2955, 0.3249



60.0641, 0.3248, 0.3245



60.0641, 0.3092, 0.3410

Square

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



60.0641, 0.3248, 0.3245



60.0641, 0.3267, 0.3448



60.0641, 0.3007, 0.3335



60.0641, 0.2988, 0.3134

Rectangle

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



60.0641, 0.3248, 0.3245



60.0641, 0.3313, 0.3379



60.0641, 0.3007, 0.3335



60.0641, 0.2945, 0.3197

Sweetspot

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



60.0667, 0.3248, 0.3245



94.8324, 0.3167, 0.3275



60.1912, 0.3105, 0.3075



20.0098, 0.3178, 0.3271



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.



60.0667, 0.3248, 0.3245



83.5646, 0.3269, 0.3238



62.4038, 0.3272, 0.3352



13.0959, 0.3259, 0.3241



9.0592, 0.6039, 0.3101



0.5996, 0.5583, 0.2849

Inverse Universe

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



60.0667, 0.3248, 0.3245



83.5646, 0.3269, 0.3238



64.6095, 0.2993, 0.3228



13.0959, 0.3259, 0.3241



9.0592, 0.6039, 0.3101



0.5996, 0.5583, 0.2849

Previews

White Background



This preview shows how the Yxy color 60.0641, 0.3248, 0.3245 looks on a white background.

Color Contrast Check

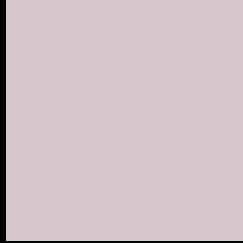
Large Text (above 18pt) WCAG AA × Fail

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 60.0641, 0.3248, 0.3245 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 60.0641, 0.3248, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 60.0641, 0.3248, 0.3245.



This preview shows how white text looks on a background with the Yxy color 60.0641, 0.3248, 0.3245.

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

60.0641, 0.3248, 0.3245

Protanopia

60.3850, 0.3144, 0.3267

Deuteranopia

59.9323, 0.3290, 0.3223



Tritanopia

59.7967, 0.3183, 0.3110

Trichromacy



Original Color

60.0641, 0.3248, 0.3245

Protanomaly

60.4496, 0.3182, 0.3267

Deuteranomaly

60.0721, 0.3273, 0.3234

Tritanomaly

60.0517, 0.3212, 0.3166

Monochromacy



Original Color

60.0641, 0.3248, 0.3245

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.7731, 0.3174, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0641, 0.3248, 0.3245 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(218, 199, 203)` looks like.

```
.text, #text, p{  
    color:rgb(218, 199, 203)  
}
```

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(218, 199, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 199, 203) }
```

Border

The CSS property to change the border of an element to Yxy 60.0641, 0.3248, 0.3245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

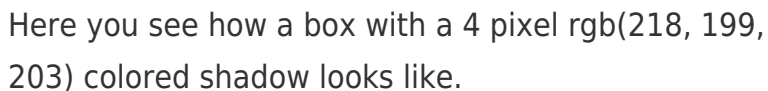
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 199, 203) }
```

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

```
.border{ border-color:rgb(218, 199, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 199, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 199, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 199, 203); box-shadow:4px 4px 4px 4px rgb(218, 199, 203) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0641, 0.3248, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 199, 203) }
```

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

```
.background{ background-color: rgb(218,  
199, 203) }
```

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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