

Converting Colors

Yxy(60.6604, 0.3189, 0.3144)

Have a look what the booklet for
Yxy(60.6604, 0.3189, 0.3144)
contains.

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Color

Yxy(60.6604, 0.3189, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	DBC7D4
RGB	219, 199, 212
RGB Percent	86%, 78%, 83%
CMY	0.1410, 0.2196, 0.1686
CMYK	0.00, 0.09, 0.03, 0.14
HSL	321°, 22%, 82%
HSV	321°, 9%, 86%
XYZ	61.5286, 60.6604, 70.7512
YIQ	206.4620, 7.7470, 8.2830

Conversions

Conversions Part 2

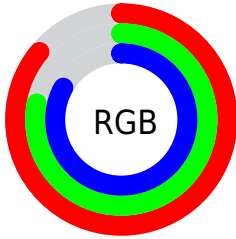
Format	Color
R _Y B	219, 199, 212
Decimal	14403540
CIE Lab	82.20, 9.27, -3.93
CIE LCh	82, 10.069, 337.051
Yxy	60.6604, 0.3189, 0.3144
Android (android.graphics.Color)	4292593620 (0xFFDBC7D4)
YUV	206.4620, 2.7302, 10.9958
Hunter-Lab	77.8848, 4.7158, 0.6598

Details

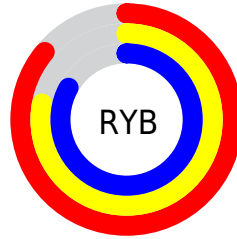
The Yxy color **60.6604, 0.3189, 0.3144** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2823, 0.3070, 0.3441**, and the grayscale version is **62.0155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.5776, 0.3209, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **50.9198, 0.3269, 0.2977**, and if you desaturate by 10%, it is **71.8755, 0.3122, 0.3303**.

Distribution



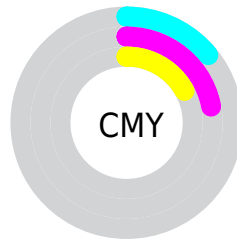
- Red (86%)
- Green (78%)
- Blue (83%)



- Red (86%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (14%)



- Cyan (14%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6604, 0.3189, 0.3144 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 60.6604, 0.3189, 0.3144 by changing the saturation by 10% instead.

60.6604, 0.3189,
0.3144

60.6604, 0.3189,
0.3144

427.0277, 0.3160,
0.3213

43.9512, 0.3196,
0.3128

105.7871, 0.3179,
0.3168

30.6321, 0.3204,
0.3108

134.9733, 0.3175,
0.3178

20.3189, 0.3215,
0.3082

169.0873, 0.3171,
0.3186

12.6270, 0.3230,
0.3047

208.5134, 0.3169,
0.3193

7.1722, 0.3250,
0.2999

253.6362, 0.3166,
0.3199

3.5700, 0.3280,
0.2928

304.8399, 0.3164,

1.4361, 0.3329,

0.3204

0.2809

362.5089, 0.3162,
0.3209

0.2431, 0.3690,
0.1961

0.0000, 0.0000,
0.0000

60.6604, 0.3189,
0.3144

60.6604, 0.3189,
0.3144

50.9198, 0.3269,
0.2977

71.8755, 0.3122,
0.3303

42.5839, 0.3362,
0.2807

84.6153, 0.3066,
0.3453

35.5889, 0.3471,
0.2638

92.5887, 0.3020,
0.3495

29.8630, 0.3595,
0.2478

93.0433, 0.2978,
0.3415

■ 25.3277, 0.3732,
0.2338

■ 93.5173, 0.2936,
0.3336

■ 21.8958, 0.3882,
0.2229

■ 93.8061, 0.2912,
0.3289

■ 19.4678, 0.4037,
0.2161

■ 17.9263, 0.4194,
0.2142

■ 17.0824, 0.4346,
0.2172

Harmonies

Analogous

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



60.6604, 0.3058, 0.3083



60.6604, 0.3189, 0.3144



60.6604, 0.3305, 0.3242

Triad

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



60.6604, 0.3189, 0.3144



60.6604, 0.3307, 0.3510



60.6604, 0.2888, 0.3218

Complementary

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



60.6604, 0.3189, 0.3144



67.2823, 0.3070, 0.3441

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.



60.6604, 0.2951, 0.3336



60.6604, 0.3189, 0.3144



60.6604, 0.3192, 0.3507

Square

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



60.6604, 0.3189, 0.3144



60.6604, 0.3373, 0.3452



60.6604, 0.3062, 0.3443



60.6604, 0.2887, 0.3123

Rectangle

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



60.6604, 0.3189, 0.3144



60.6604, 0.3357, 0.3317



60.6604, 0.3062, 0.3443



60.6604, 0.2902, 0.3256

Sweetspot

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



60.6630, 0.3189, 0.3144



95.0440, 0.3147, 0.3243



59.0832, 0.3038, 0.3060



20.0669, 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.



60.6630, 0.3189, 0.3144



82.7725, 0.3203, 0.3112



60.1739, 0.3263, 0.3256



13.1931, 0.3191, 0.3139



10.1109, 0.4337, 0.2163



0.6711, 0.4106, 0.2036

Inverse Universe

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



60.6630, 0.3189, 0.3144



82.7725, 0.3203, 0.3112



67.7840, 0.3006, 0.3324



13.1931, 0.3191, 0.3139



10.1109, 0.4337, 0.2163



0.6711, 0.4106, 0.2036

Previews

White Background



This preview shows how the Yxy color 60.6604, 0.3189, 0.3144 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 60.6604, 0.3189, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

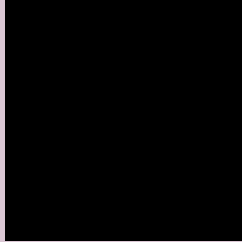
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6604, 0.3189, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 60.6604, 0.3189, 0.3144.



This preview shows how white text looks on a background with the Yxy color 60.6604, 0.3189, 0.3144.

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

60.6604, 0.3189, 0.3144

Protanopia

60.5973, 0.3058, 0.3151

Deuteranopia

60.5138, 0.3205, 0.3134



Tritanopia

60.7620, 0.3174, 0.3122

Trichromacy



Original Color

60.6604, 0.3189, 0.3144

Protanomaly

60.7977, 0.3103, 0.3153

Deuteranomaly

60.3573, 0.3197, 0.3133

Tritanomaly

60.7110, 0.3181, 0.3133

Monochromacy



Original Color

60.6604, 0.3189, 0.3144

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.1148, 0.3153, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6604, 0.3189, 0.3144 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(219, 199, 212)` looks like.

```
.text, #text, p{  
    color:rgb(219, 199, 212)  
}
```

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(219, 199, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 199, 212) }
```

Border

The CSS property to change the border of an element to Yxy 60.6604, 0.3189, 0.3144 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(219, 199, 212) }
```

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

```
.border{ border-color:rgb(219, 199, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 199, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 199, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 199, 212);  
box-shadow:4px 4px 4px 4px rgb(219, 199,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6604, 0.3189, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 199, 212) }
```

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

```
.background{ background-color: rgb(219,  
199, 212) }
```

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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