

Converting Colors

Yxy(60.3082, 0.3222, 0.3214)

Have a look what the booklet for
Yxy(60.3082, 0.3222, 0.3214)
contains.

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Color

Yxy(60.2085, 0.3225, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	DAC7CE
RGB	218, 199, 206
RGB Percent	85%, 78%, 81%
CMY	0.1452, 0.2195, 0.1921
CMYK	0.00, 0.09, 0.05, 0.15
HSL	338°, 20%, 82%
HSV	338°, 9%, 85%
XYZ	60.4710, 60.2085, 66.8275
YIQ	205.4790, 9.0770, 6.2050

Conversions

Conversions Part 2

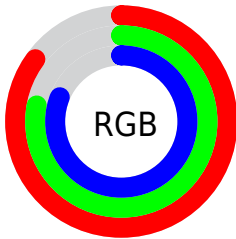
Format	Color
R _Y B	218, 199, 206
Decimal	14337998
CIE Lab	81.95, 7.83, -1.08
CIE LCh	82, 7.908, 352.120
Yxy	60.2085, 0.3225, 0.3211
Android (android.graphics.Color)	4292528078 (0xFFDAC7CE)
YUV	205.4790, 0.2569, 10.9809
Hunter-Lab	77.5941, 3.3197, 3.2527

Details

The Yxy color **60.2085, 0.3225, 0.3211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9746, 0.3038, 0.3370**, and the grayscale version is **61.3648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.3043, 0.3248, 0.3186** is the 20% darker color. If you saturate the color by 10%, you get **50.2479, 0.3361, 0.3115**, and if you desaturate by 10%, it is **71.6697, 0.3114, 0.3301**.

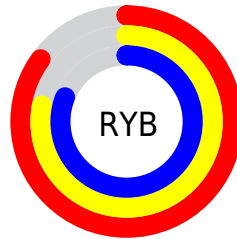
Distribution



Red (85%)

Green (78%)

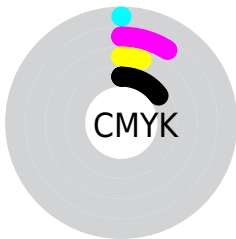
Blue (81%)



Red (85%)

Yellow (78%)

Blue (81%)

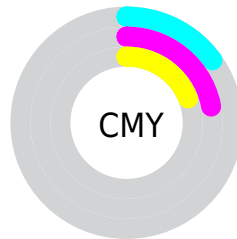


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (15%)



Cyan (15%)

Magenta (22%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2085, 0.3225, 0.3211 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 60.2085, 0.3225, 0.3211 by changing the saturation by 10% instead.

■ 60.2085, 0.3225,
0.3211

■ 60.2085, 0.3225,
0.3211

425.3659, 0.3178,
0.3249

■ 43.5867, 0.3236,
0.3202

105.1321, 0.3208,
0.3224

■ 30.3457, 0.3250,
0.3191

134.2026, 0.3202,
0.3229

■ 20.1012, 0.3268,
0.3176

168.1916, 0.3197,
0.3234

■ 12.4686, 0.3292,
0.3157

207.4833, 0.3192,
0.3238

■ 7.0637, 0.3326,
0.3130

252.4622, 0.3188,
0.3241

■ 3.5019, 0.3378,
0.3089

303.5127, 0.3184,

■ 1.3991, 0.3467,

0.3244

361.0191, 0.3181,
0.3246

0.3019

0.2160, 0.4294,
0.2339

0.0000, 0.0000,
0.0000

60.2085, 0.3225,
0.3211

60.2085, 0.3225,
0.3211

50.2479, 0.3361,
0.3115

71.6697, 0.3114,
0.3301

41.7176, 0.3526,
0.3015

84.6820, 0.3023,
0.3385

34.5536, 0.3725,
0.2916

93.1544, 0.2947,
0.3368

28.6839, 0.3962,
0.2823

93.6411, 0.2906,
0.3289

■ 24.0299, 0.4237,
0.2745

■ 20.5042, 0.4545,
0.2694

■ 18.0077, 0.4872,
0.2683

■ 16.4237, 0.5196,
0.2722

■ 15.5740, 0.5494,
0.2809

Harmonies

Analogous

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



60.2085, 0.3125, 0.3146



60.2085, 0.3225, 0.3211



60.2085, 0.3300, 0.3297

Triad

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



60.2085, 0.3225, 0.3211



60.2085, 0.3227, 0.3468



60.2085, 0.2931, 0.3193

Complementary

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



60.2085, 0.3225, 0.3211



66.9746, 0.3038, 0.3370

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.



60.2085, 0.2958, 0.3279



60.2085, 0.3225, 0.3211



60.2085, 0.3127, 0.3441

Square

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



60.2085, 0.3225, 0.3211



60.2085, 0.3300, 0.3446



60.2085, 0.3029, 0.3371



60.2085, 0.2956, 0.3134

Rectangle

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



60.2085, 0.3225, 0.3211



60.2085, 0.3324, 0.3356



60.2085, 0.3029, 0.3371



60.2085, 0.2934, 0.3219

Sweetspot

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



60.2111, 0.3225, 0.3211



94.9086, 0.3159, 0.3263



59.7195, 0.3081, 0.3074



20.0303, 0.3168, 0.3256



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.



60.2111, 0.3225, 0.3211



83.8018, 0.3242, 0.3198



60.9043, 0.3275, 0.3316



13.1305, 0.3234, 0.3204



9.2991, 0.5493, 0.2800



0.6187, 0.5045, 0.2553

Inverse Universe

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



60.2111, 0.3225, 0.3211



83.8018, 0.3242, 0.3198



66.1935, 0.2993, 0.3264



13.1305, 0.3234, 0.3204



9.2991, 0.5493, 0.2800



0.6187, 0.5045, 0.2553

Previews

White Background



This preview shows how the Yxy color 60.2085, 0.3225, 0.3211 looks on a white background.

Color Contrast Check

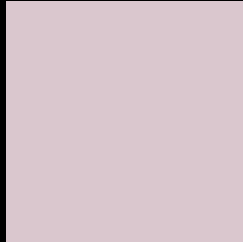
Large Text (above 18pt) WCAG AA × Fail

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 60.2085, 0.3225, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

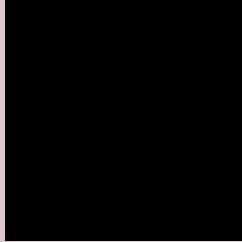
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

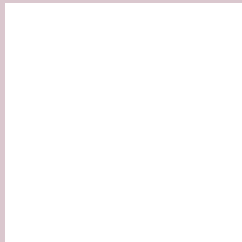
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2085, 0.3225, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 60.2085, 0.3225, 0.3211.



This preview shows how white text looks on a background with the Yxy color 60.2085, 0.3225, 0.3211.

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

60.2085, 0.3225, 0.3211

Protanopia

60.3877, 0.3115, 0.3232

Deuteranopia

59.9183, 0.3259, 0.3189



Tritanopia

60.2523, 0.3182, 0.3122

Trichromacy



Original Color

60.2085, 0.3225, 0.3211

Protanomaly

60.4477, 0.3153, 0.3232

Deuteranomaly

60.2166, 0.3250, 0.3200

Tritanomaly

60.1014, 0.3204, 0.3155

Monochromacy



Original Color

60.2085, 0.3225, 0.3211

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.8213, 0.3167, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2085, 0.3225, 0.3211 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(218, 199, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 199, 206) }
```

Border

The CSS property to change the border of an element to Yxy 60.2085, 0.3225, 0.3211 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, 206) }
```

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

```
.border{ border-color:rgb(218, 199, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 199, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 199, 206);  
box-shadow:4px 4px 4px 4px rgb(218, 199,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2085, 0.3225, 0.3211 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, 206) }
```

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

```
.background{ background-color: rgb(218,  
199, 206) }
```

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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