

Converting Colors

$Y_{xy}(60.2982, 0.3273, 0.3205)$

Have a look what the booklet for
Yxy(60.2982, 0.3273, 0.3205)
contains.

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Color

Yxy(60.4839, 0.3274, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	DFC6CD
RGB	223, 198, 205
RGB Percent	87%, 78%, 80%
CMY	0.1253, 0.2236, 0.1961
CMYK	0.00, 0.11, 0.08, 0.13
HSL	343°, 28%, 83%
HSV	343°, 11%, 87%
XYZ	61.6514, 60.4839, 66.1707
YIQ	206.2730, 12.6530, 7.4770

Conversions

Conversions Part 2

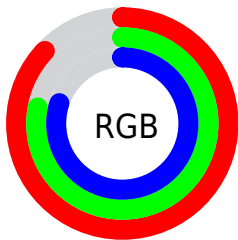
Format	Color
R _Y B	223, 198, 205
Decimal	14665421
CIE Lab	82.10, 9.97, -0.27
CIE LCh	82, 9.974, 358.458
Yxy	60.4839, 0.3274, 0.3212
Android (android.graphics.Color)	4292855501 (0xFFDFC6CD)
YUV	206.2730, -0.6276, 14.6696
Hunter-Lab	77.7714, 5.4016, 3.9939

Details

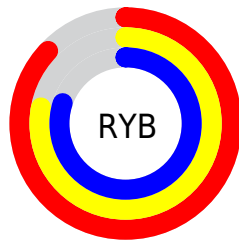
The Yxy color $60.4839, 0.3274, 0.3212$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $69.7608, 0.2999, 0.3369$, and the grayscale version is $61.9067, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.5057, 0.3313, 0.3187$ is the 20% darker color. If you saturate the color by 10%, you get $50.2934, 0.3437, 0.3138$, and if you desaturate by 10%, it is $72.2609, 0.3142, 0.3282$.

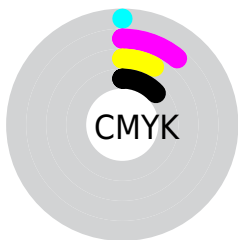
Distribution



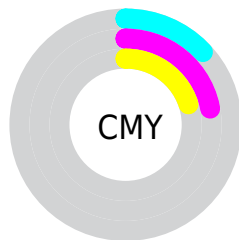
- Red (87%)
- Green (78%)
- Blue (80%)



- Red (87%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4839, 0.3274, 0.3212 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 60.4839, 0.3274, 0.3212 by changing the saturation by 10% instead.

60.4839, 0.3274,
0.3212

60.4839, 0.3274,
0.3212

426.3791, 0.3204,
0.3249

43.8088, 0.3291,
0.3203

105.5313, 0.3249,
0.3225

30.5202, 0.3312,
0.3192

134.6724, 0.3240,
0.3230

20.2338, 0.3339,
0.3178

168.7376, 0.3232,
0.3235

12.5651, 0.3375,
0.3158

208.1113, 0.3224,
0.3238

7.1298, 0.3426,
0.3131

253.1779, 0.3218,
0.3242

3.5434, 0.3505,
0.3090

304.3218, 0.3213,

1.4216, 0.3638,

0.3245

0.3019

361.9274, 0.3208,
0.3247

0.2325, 0.4793,
0.2400

0.0000, 0.0000,
0.0000

60.4839, 0.3274,
0.3212

60.4839, 0.3274,
0.3212

50.2934, 0.3437,
0.3138

72.2609, 0.3142,
0.3282

41.6136, 0.3636,
0.3062

85.6800, 0.3034,
0.3346

34.3744, 0.3879,
0.2987

94.3200, 0.2944,
0.3307

28.4973, 0.4167,
0.2920

94.4339, 0.2935,
0.3289

■ 23.8957, 0.4501,
0.2869

■ 20.4736, 0.4869,
0.2846

■ 18.1206, 0.5247,
0.2862

■ 16.7055, 0.5600,
0.2923

■ 16.0443, 0.5865,
0.3005

Harmonies

Analogous

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



60.4839, 0.3151, 0.3123



60.4839, 0.3274, 0.3212



60.4839, 0.3358, 0.3322

Triad

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



60.4839, 0.3274, 0.3212



60.4839, 0.3227, 0.3513



60.4839, 0.2882, 0.3148

Complementary

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



60.4839, 0.3274, 0.3212



69.7608, 0.2999, 0.3369

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.



60.4839, 0.2902, 0.3251



60.4839, 0.3274, 0.3212



60.4839, 0.3099, 0.3466

Square

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



60.4839, 0.3274, 0.3212



60.4839, 0.3330, 0.3497



60.4839, 0.2981, 0.3369



60.4839, 0.2927, 0.3085

Rectangle

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



60.4839, 0.3274, 0.3212



60.4839, 0.3379, 0.3394



60.4839, 0.2981, 0.3369



60.4839, 0.2882, 0.3179

Sweetspot

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



60.4866, 0.3274, 0.3212



94.8656, 0.3163, 0.3270



60.3055, 0.3086, 0.3010



20.0188, 0.3173, 0.3264



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.



60.4866, 0.3274, 0.3212



79.1981, 0.3302, 0.3198



62.6817, 0.3320, 0.3352



13.7631, 0.3248, 0.3225



9.4468, 0.5827, 0.2983



0.6698, 0.5385, 0.2740

Inverse Universe

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



60.4866, 0.3274, 0.3212



79.1981, 0.3302, 0.3198



67.2763, 0.2954, 0.3228



13.7631, 0.3248, 0.3225



9.4468, 0.5827, 0.2983



0.6698, 0.5385, 0.2740

Previews

White Background



This preview shows how the Yxy color 60.4839, 0.3274, 0.3212 looks on a white background.

Color Contrast Check

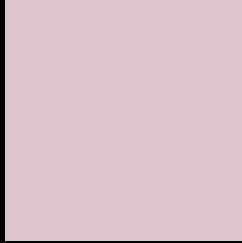
Large Text (above 18pt) WCAG AA × Fail

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 60.4839, 0.3274, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

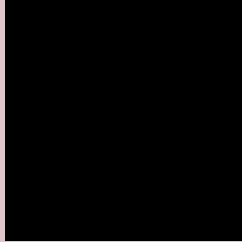
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4839, 0.3274, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 60.4839, 0.3274, 0.3212.



This preview shows how white text looks on a background with the Yxy color 60.4839, 0.3274, 0.3212.

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

60.4839, 0.3274, 0.3212

Protanopia

60.5313, 0.3122, 0.3232

Deuteranopia

60.6432, 0.3282, 0.3212



Tritanopia

60.5333, 0.3230, 0.3124

Trichromacy



Original Color

60.4839, 0.3274, 0.3212

Protanomaly

60.4244, 0.3177, 0.3221

Deuteranomaly

60.6432, 0.3282, 0.3212

Tritanomaly

60.3832, 0.3252, 0.3157

Monochromacy



Original Color

60.4839, 0.3274, 0.3212

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.1652, 0.3175, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4839, 0.3274, 0.3212 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(223, 198, 205)` looks like.

```
.text, #text, p{  
    color:rgb(223, 198, 205)  
}
```

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(223, 198, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 198, 205) }
```

Border

The CSS property to change the border of an element to Yxy 60.4839, 0.3274, 0.3212 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(223, 198, 205) }
```

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

```
.border{ border-color:rgb(223, 198, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 198, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 198, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 198, 205);  
box-shadow:4px 4px 4px 4px rgb(223, 198,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4839, 0.3274, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 198, 205) }
```

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

```
.background{ background-color: rgb(223,  
198, 205) }
```

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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