

Converting Colors

$Yxy(60.3897, 0.3288, 0.3298)$

Have a look what the booklet for
Yxy(60.3897, 0.3288, 0.3298)
contains.

Yxy(60.4921, 0.3285, 0.3302)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.4921, 0.3285, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	DBC8C7
RGB	219, 200, 199
RGB Percent	86%, 78%, 78%
CMY	0.1411, 0.2157, 0.2197
CMYK	0.00, 0.09, 0.09, 0.14
HSL	3°, 22%, 82%
HSV	3°, 9%, 86%
XYZ	60.1807, 60.4921, 62.5256
YIQ	205.5670, 11.6450, 3.7170

Conversions

Conversions Part 2

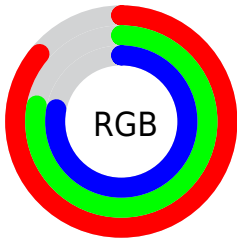
Format	Color
R _Y B	219, 200, 199
Decimal	14403783
CIE Lab	82.10, 6.48, 2.91
CIE LCh	82, 7.105, 24.169
Yxy	60.4921, 0.3285, 0.3302
Android (android.graphics.Color)	4292593863 (0xFFDBC8C7)
YUV	205.5670, -3.2375, 11.7807
Hunter-Lab	77.7767, 2.0074, 6.7797

Details

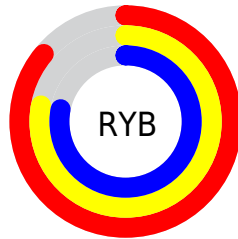
The Yxy color $60.4921, 0.3285, 0.3302$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $67.4047, 0.2987, 0.3278$, and the grayscale version is $61.4485, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.4946, 0.3328, 0.3306$ is the 20% darker color. If you saturate the color by 10%, you get $50.5644, 0.3497, 0.3316$, and if you desaturate by 10%, it is $71.8814, 0.3114, 0.3289$.

Distribution



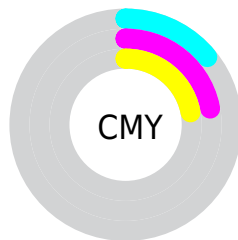
- Red (86%)
- Green (78%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4921, 0.3285, 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 60.4921, 0.3285, 0.3302 by changing the saturation by 10% instead.

60.4921, 0.3285,
0.3302

60.4921, 0.3285,
0.3302

426.4093, 0.3209,
0.3297

43.8154, 0.3303,
0.3303

105.5432, 0.3258,
0.3300

30.5254, 0.3326,
0.3304

134.6864, 0.3248,
0.3300

20.2377, 0.3355,
0.3306

168.7538, 0.3239,
0.3299

12.5680, 0.3395,
0.3308

208.1300, 0.3232,
0.3298

7.1317, 0.3451,
0.3311

253.1992, 0.3225,
0.3298

3.5446, 0.3537,
0.3313

304.3459, 0.3219,

1.4222, 0.3685,

0.3298

0.3316

361.9545, 0.3214,
0.3297

0.2330, 0.5726,
0.3514

0.0000, 0.0000,
0.0000

60.4921, 0.3285,
0.3302

60.4921, 0.3285,
0.3302

50.5644, 0.3497,
0.3316

71.8814, 0.3114,
0.3289

42.0314, 0.3760,
0.3331

84.7796, 0.2976,
0.3277

34.8333, 0.4083,
0.3346

93.8044, 0.2912,
0.3289

28.9024, 0.4468,
0.3359

■ 24.1653, 0.4910,
0.3368

■ 20.5412, 0.5378,
0.3370

■ 17.9391, 0.5818,
0.3362

■ 16.2537, 0.6161,
0.3344

■ 15.3527, 0.6359,
0.3323

Harmonies

Analogous

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



60.4921, 0.3221, 0.3224



60.4921, 0.3285, 0.3302



60.4921, 0.3307, 0.3378

Triad

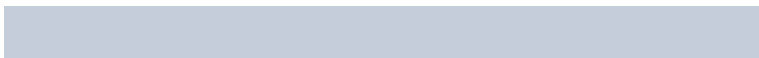
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.4921, 0.3285, 0.3302



60.4921, 0.3121, 0.3422



60.4921, 0.2977, 0.3148

Complementary

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



60.4921, 0.3285, 0.3302



67.4047, 0.2987, 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.



60.4921, 0.2951, 0.3198



60.4921, 0.3285, 0.3302



60.4921, 0.3034, 0.3357

Square

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



60.4921, 0.3285, 0.3302



60.4921, 0.3211, 0.3449



60.4921, 0.2972, 0.3275



60.4921, 0.3042, 0.3136

Rectangle

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



60.4921, 0.3285, 0.3302



60.4921, 0.3294, 0.3418



60.4921, 0.2972, 0.3275



60.4921, 0.2963, 0.3161

Sweetspot

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



60.4948, 0.3285, 0.3302



94.9706, 0.3176, 0.3294



60.9664, 0.3145, 0.3078



20.0469, 0.3189, 0.3295



0.0000, 0.0000, 0.0000



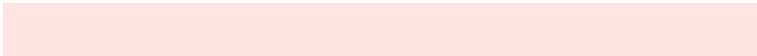
21.4041, 0.3127, 0.3290

Same Dimension

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



60.4948, 0.3285, 0.3302



82.4946, 0.3323, 0.3305



65.2839, 0.3273, 0.3415



13.1568, 0.3290, 0.3302



9.1206, 0.6361, 0.3331



0.6290, 0.6245, 0.3423

Inverse Universe

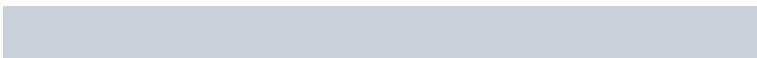
The Inverse Universe completely reimagines the original color for something new.



67.4047, 0.2987, 0.3278



94.1593, 0.2957, 0.3275



62.3688, 0.2986, 0.3162



14.7106, 0.2982, 0.3278



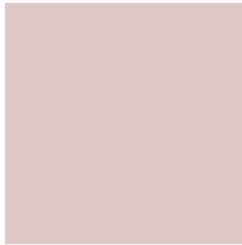
29.8040, 0.2203, 0.3132



1.9663, 0.2211, 0.3159

Previews

White Background



This preview shows how the Yxy color 60.4921, 0.3285, 0.3302 looks on a white background.

Color Contrast Check

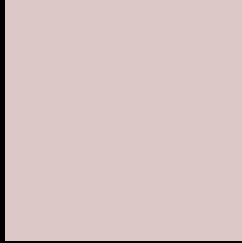
Large Text (above 18pt) WCAG AA × Fail

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 60.4921, 0.3285, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

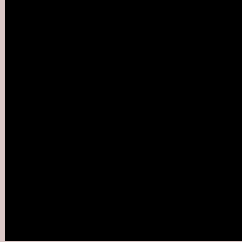
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4921, 0.3285, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 60.4921, 0.3285, 0.3302.



This preview shows how white text looks on a background with the Yxy color 60.4921, 0.3285, 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

60.4921, 0.3285, 0.3302

Protanopia

60.4842, 0.3188, 0.3313

Deuteranopia

60.6804, 0.3344, 0.3279



Tritanopia

60.5644, 0.3198, 0.3123

Trichromacy



Original Color

60.4921, 0.3285, 0.3302

Protanomaly

60.5573, 0.3227, 0.3313

Deuteranomaly

60.6583, 0.3318, 0.3291

Tritanomaly

60.6166, 0.3226, 0.3189

Monochromacy



Original Color

60.4921, 0.3285, 0.3302

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.3464, 0.3188, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4921, 0.3285, 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(219, 200, 199)` looks like.

```
.text, #text, p{  
    color:rgb(219, 200, 199)  
}
```

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, 200, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 200, 199) }
```

Border

The CSS property to change the border of an element to Yxy 60.4921, 0.3285, 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(219, 200, 199) }
```

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

```
.border{ border-color:rgb(219, 200, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 200, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 200, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 200, 199);  
box-shadow:4px 4px 4px 4px rgb(219, 200,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4921, 0.3285, 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(219, 200, 199) }
```

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

```
.background{ background-color: rgb(219,  
200, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor