

Converting Colors

Yxy(60.2458, 0.3191, 0.3262)

Have a look what the booklet for
Yxy(60.2458, 0.3191, 0.3262)
contains.

Yxy(60.1300, 0.3191, 0.3256)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.1300, 0.3191, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	D4C9CC
RGB	212, 201, 204
RGB Percent	83%, 79%, 80%
CMY	0.1687, 0.2117, 0.2001
CMYK	0.00, 0.05, 0.04, 0.17
HSL	344°, 11%, 81%
HSV	344°, 5%, 83%
XYZ	58.9296, 60.1300, 65.6148
YIQ	204.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

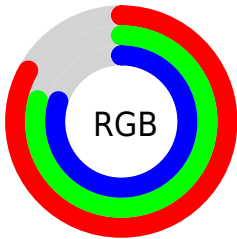
Format	Color
RYB	212, 201, 204
Decimal	13945292
CIELab	81.91, 4.33, -0.12
CIELCh	82, 4.333, 358.370
Yxy	60.1300, 0.3191, 0.3256
Android (android.graphics.Color)	4292135372 (0xFFD4C9CC)
YUV	204.6310, -0.3111, 6.4626
Hunter-Lab	77.5435, -0.0492, 4.1112

Details

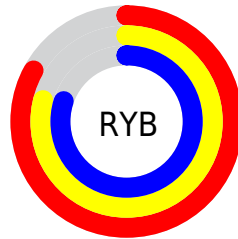
The Yxy color **60.1300, 0.3191, 0.3256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0979, 0.3067, 0.3324**, and the grayscale version is **60.8021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.2375, 0.3202, 0.3244** is the 20% darker color. If you saturate the color by 10%, you get **50.2158, 0.3336, 0.3187**, and if you desaturate by 10%, it is **71.4869, 0.3073, 0.3321**.

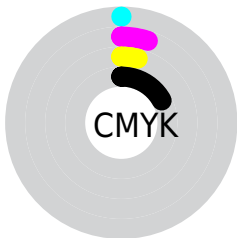
Distribution



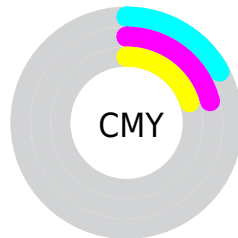
- Red (83%)
- Green (79%)
- Blue (80%)



- Red (83%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (17%)



- Cyan (17%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1300, 0.3191, 0.3256 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 60.1300, 0.3191, 0.3256 by changing the saturation by 10% instead.

■ 60.1300, 0.3191,
0.3256

■ 60.1300, 0.3191,
0.3256

425.0768, 0.3160,
0.3272

■ 43.5234, 0.3198,
0.3252

105.0182, 0.3180,
0.3262

■ 30.2960, 0.3207,
0.3247

134.0687, 0.3176,
0.3264

■ 20.0634, 0.3219,
0.3241

168.0359, 0.3173,
0.3266

■ 12.4411, 0.3235,
0.3232

207.3042, 0.3169,
0.3268

■ 7.0449, 0.3258,
0.3220

252.2580, 0.3167,
0.3269

■ 3.4902, 0.3292,
0.3202

303.2818, 0.3164,

■ 1.3927, 0.3351,

0.3270

360.7599, 0.3162,
0.3271

0.3170

0.2113, 0.4052,
0.2793

0.0000, 0.0000,
0.0000

60.1300, 0.3191,
0.3256

60.1300, 0.3191,
0.3256

50.2158, 0.3336,
0.3187

71.4869, 0.3073,
0.3321

41.6788, 0.3514,
0.3114

84.3330, 0.2978,
0.3380

34.4601, 0.3731,
0.3040

92.4381, 0.2896,
0.3337

28.4934, 0.3993,
0.2970

92.7333, 0.2871,
0.3289

■ 23.7068, 0.4303,
0.2910

■ 20.0209, 0.4655,
0.2871

■ 17.3464, 0.5033,
0.2863

■ 15.5799, 0.5409,
0.2896

■ 14.5954, 0.5743,
0.2972

Harmonies

Analogous

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



60.1300, 0.3138, 0.3216



60.1300, 0.3191, 0.3256



60.1300, 0.3227, 0.3305

Triad

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



60.1300, 0.3191, 0.3256



60.1300, 0.3171, 0.3386



60.1300, 0.3020, 0.3229

Complementary

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



60.1300, 0.3191, 0.3256



64.0979, 0.3067, 0.3324

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.



60.1300, 0.3029, 0.3274



60.1300, 0.3191, 0.3256



60.1300, 0.3116, 0.3366

Square

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



60.1300, 0.3191, 0.3256



60.1300, 0.3216, 0.3380



60.1300, 0.3064, 0.3325



60.1300, 0.3039, 0.3201

Rectangle

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



60.1300, 0.3191, 0.3256



60.1300, 0.3236, 0.3336



60.1300, 0.3064, 0.3325



60.1300, 0.3019, 0.3243

Sweetspot

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



60.1326, 0.3191, 0.3256



96.5518, 0.3151, 0.3277



60.0690, 0.3109, 0.3164



20.7022, 0.3150, 0.3278



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.



60.1326, 0.3191, 0.3256



89.9257, 0.3203, 0.3250



61.1074, 0.3211, 0.3318



13.1224, 0.3210, 0.3246



8.8403, 0.5849, 0.2996



0.5471, 0.5349, 0.2720

Inverse Universe

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



60.1326, 0.3191, 0.3256



89.9257, 0.3203, 0.3250



63.0679, 0.3048, 0.3262



13.1224, 0.3210, 0.3246



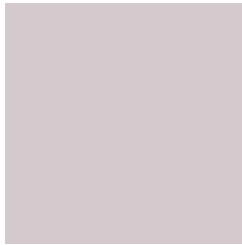
8.8403, 0.5849, 0.2996



0.5471, 0.5349, 0.2720

Previews

White Background



This preview shows how the Yxy color 60.1300, 0.3191, 0.3256 looks on a white background.

Color Contrast Check

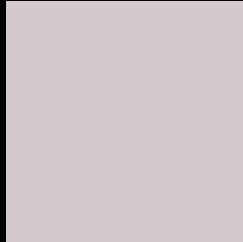
Large Text (above 18pt) WCAG AA × Fail

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 60.1300, 0.3191, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

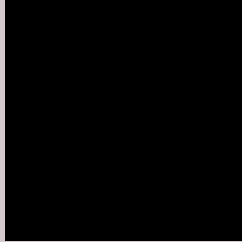
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

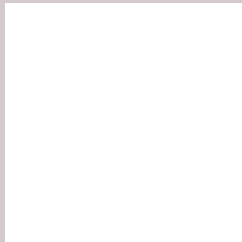
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1300, 0.3191, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 60.1300, 0.3191, 0.3256.

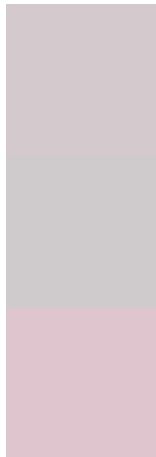


This preview shows how white text looks on a background with the Yxy color 60.1300, 0.3191, 0.3256.

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

60.1300, 0.3191, 0.3256

Protanopia

60.3850, 0.3144, 0.3267

Deuteranopia

60.0283, 0.3275, 0.3201



Tritanopia

60.0493, 0.3128, 0.3109

Trichromacy



Original Color

60.1300, 0.3191, 0.3256

Protanomaly

60.2041, 0.3160, 0.3255

Deuteranomaly

59.8560, 0.3242, 0.3211

Tritanomaly

60.1578, 0.3149, 0.3165

Monochromacy



Original Color

60.1300, 0.3191, 0.3256

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.0034, 0.3151, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1300, 0.3191, 0.3256 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(212, 201, 204) looks like.

```
.text, #text, p{  
    color:rgb(212, 201, 204)  
}
```

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(212, 201, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 201, 204) }
```

Border

The CSS property to change the border of an element to Yxy 60.1300, 0.3191, 0.3256 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(212, 201, 204) }
```

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

```
.border{ border-color:rgb(212, 201, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 201, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 201, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 201, 204);  
box-shadow:4px 4px 4px 4px rgb(212, 201,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1300, 0.3191, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 201, 204) }
```

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

```
.background{ background-color: rgb(212,  
201, 204) }
```

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