

Converting Colors

Yxy(59.9235, 0.3090, 0.3140)

Have a look what the booklet for
Yxy(59.9235, 0.3090, 0.3140)
contains.

Yxy(60.0382, 0.3088, 0.3141)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.0382, 0.3088, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	D0C9D6
RGB	208, 201, 214
RGB Percent	82%, 79%, 84%
CMY	0.1845, 0.2117, 0.1609
CMYK	0.03, 0.06, 0.00, 0.16
HSL	272°, 14%, 81%
HSV	272°, 6%, 84%
XYZ	59.0251, 60.0382, 72.0802
YIQ	204.5750, -0.0010, 5.5270

Conversions

Conversions Part 2

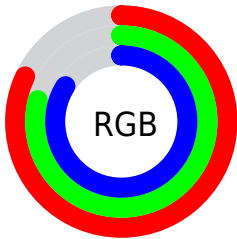
Format	Color
R _Y B	208, 201, 214
Decimal	13683158
CIE Lab	81.86, 4.78, -5.58
CIE LCh	82, 7.349, 310.539
Yxy	60.0382, 0.3088, 0.3141
Android (android.graphics.Color)	4291873238 (0xFFD0C9D6)
YUV	204.5750, 4.6465, 3.0037
Hunter-Lab	77.4843, 0.3782, -0.9158

Details

The Yxy color **60.0382, 0.3088, 0.3141** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5714, 0.3164, 0.3439**, and the grayscale version is **60.7338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.2407, 0.3085, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **49.3524, 0.3014, 0.2879**, and if you desaturate by 10%, it is **72.2092, 0.3151, 0.3383**.

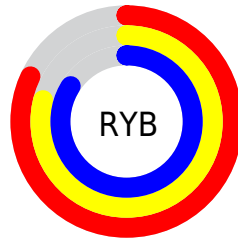
Distribution



Red (82%)

Green (79%)

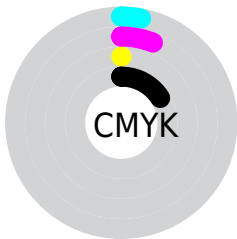
Blue (84%)



Red (82%)

Yellow (79%)

Blue (84%)

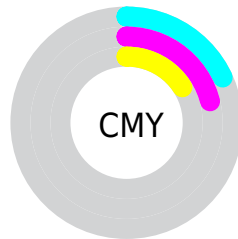


Cyan (3%)

Magenta (6%)

Yellow (0%)

Black (16%)



Cyan (18%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0382, 0.3088, 0.3141 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 60.0382, 0.3088, 0.3141 by changing the saturation by 10% instead.

■ 60.0382, 0.3088,
0.3141

■ 60.0382, 0.3088,
0.3141

424.7386, 0.3107,
0.3212

■ 43.4494, 0.3083,
0.3124

104.8851, 0.3095,
0.3166

■ 30.2379, 0.3078,
0.3104

133.9120, 0.3097,
0.3176

■ 20.0192, 0.3070,
0.3077

167.8537, 0.3100,
0.3184

■ 12.4090, 0.3060,
0.3041

207.0946, 0.3101,
0.3191

■ 7.0229, 0.3045,
0.2991

252.0192, 0.3103,
0.3197

■ 3.4764, 0.3022,
0.2916

303.0118, 0.3105,

■ 1.3852, 0.2982,

0.3203

0.2791

360.4568, 0.3106,
0.3207

0.2058, 0.2757,
0.1817

0.0000, 0.0000,
0.0000

60.0382, 0.3088,
0.3141

60.0382, 0.3088,
0.3141

49.3524, 0.3014,
0.2879

72.2092, 0.3151,
0.3383

40.0853, 0.2928,
0.2600

85.9131, 0.3203,
0.3603

32.1768, 0.2831,
0.2309

94.5137, 0.3257,
0.3705

25.5593, 0.2721,
0.2016

96.2803, 0.3322,
0.3697

■ 20.1593, 0.2603,
0.1733

■ 97.6339, 0.3370,
0.3691

■ 15.8955, 0.2480,
0.1473

■ 12.6766, 0.2355,
0.1251

■ 10.3963, 0.2236,
0.1078

■ 8.9224, 0.2126,
0.0960

Harmonies

Analogous

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



60.0382, 0.3004, 0.3131



60.0382, 0.3088, 0.3141



60.0382, 0.3184, 0.3190

Triad

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



60.0382, 0.3088, 0.3141



60.0382, 0.3304, 0.3416



60.0382, 0.2991, 0.3314

Complementary

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



60.0382, 0.3088, 0.3141



65.5714, 0.3164, 0.3439

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.



60.0382, 0.3069, 0.3394



60.0382, 0.3088, 0.3141



60.0382, 0.3250, 0.3453

Square

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



60.0382, 0.3088, 0.3141



60.0382, 0.3309, 0.3347



60.0382, 0.3164, 0.3445



60.0382, 0.2949, 0.3229

Rectangle

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



60.0382, 0.3088, 0.3141



60.0382, 0.3241, 0.3238



60.0382, 0.3164, 0.3445



60.0382, 0.3014, 0.3342

Sweetspot

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



60.0408, 0.3088, 0.3141



96.3424, 0.3115, 0.3241



61.9327, 0.3035, 0.3210



20.6596, 0.3115, 0.3244



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.



60.0408, 0.3088, 0.3141



87.5961, 0.3081, 0.3115



60.9078, 0.3137, 0.3148



12.7895, 0.3078, 0.3103



5.1826, 0.2099, 0.0930



0.3616, 0.2282, 0.1031

Inverse Universe

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



60.5829, 0.3184, 0.3221



88.5350, 0.3195, 0.3210



64.7408, 0.3117, 0.3436



12.9368, 0.3199, 0.3204



9.2112, 0.5096, 0.2581



0.5722, 0.4686, 0.2355

Previews

White Background



This preview shows how the Yxy color 60.0382, 0.3088, 0.3141 looks on a white background.

Color Contrast Check

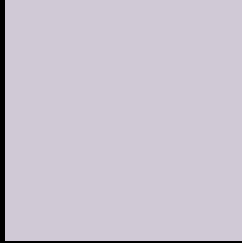
Large Text (above 18pt) WCAG AA × Fail

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 60.0382, 0.3088, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

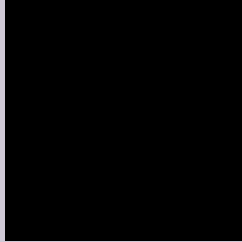
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

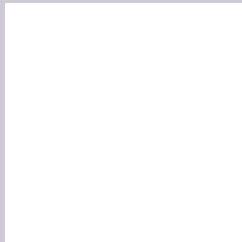
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0382, 0.3088, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 60.0382, 0.3088, 0.3141.

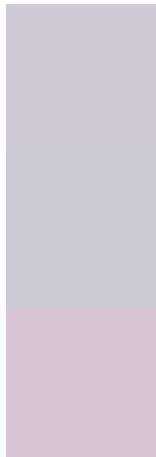


This preview shows how white text looks on a background with the Yxy color 60.0382, 0.3088, 0.3141.

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

60.0382, 0.3088, 0.3141

Protanopia

59.9847, 0.3051, 0.3139

Deuteranopia

59.7442, 0.3160, 0.3088



Tritanopia

60.1411, 0.3074, 0.3118

Trichromacy



Original Color

60.0382, 0.3088, 0.3141

Protanomaly

60.1265, 0.3058, 0.3140

Deuteranomaly

59.5906, 0.3128, 0.3097

Tritanomaly

60.0895, 0.3081, 0.3129

Monochromacy



Original Color

60.0382, 0.3088, 0.3141

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.8616, 0.3114, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0382, 0.3088, 0.3141 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(208, 201, 214)` looks like.

```
.text, #text, p{  
    color:rgb(208, 201, 214)  
}
```

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(208, 201, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 201, 214) }
```

Border

The CSS property to change the border of an element to Yxy 60.0382, 0.3088, 0.3141 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(208, 201, 214) }
```

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

```
.border{ border-color:rgb(208, 201, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 201, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 201, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 201, 214);  
box-shadow:4px 4px 4px 4px rgb(208, 201,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0382, 0.3088, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 201, 214) }
```

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

```
.background{ background-color: rgb(208,  
201, 214) }
```

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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