

Converting Colors

Yxy(58.8336, 0.3136, 0.3166)

Have a look what the booklet for
Yxy(58.8336, 0.3136, 0.3166)
contains.

Yxy(58.6933, 0.3141, 0.3163)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.6933, 0.3141, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	D2C6D1
RGB	210, 198, 209
RGB Percent	82%, 78%, 82%
CMY	0.1764, 0.2235, 0.1804
CMYK	0.00, 0.06, 0.00, 0.18
HSL	305°, 12%, 80%
HSV	305°, 6%, 82%
XYZ	58.2851, 58.6933, 68.5838
YIQ	202.8420, 3.6210, 5.9650

Conversions

Conversions Part 2

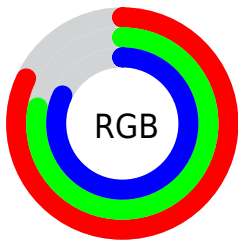
Format	Color
R _Y B	210, 198, 209
Decimal	13813457
CIE Lab	81.12, 6.16, -3.99
CIE LCh	81, 7.338, 327.073
Yxy	58.6933, 0.3141, 0.3163
Android (android.graphics.Color)	4292003537 (0xFFD2C6D1)
YUV	202.8420, 3.0359, 6.2776
Hunter-Lab	76.6116, 1.7302, 0.5508

Details

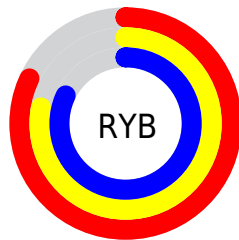
The Yxy color **58.6933, 0.3141, 0.3163** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2308, 0.3114, 0.3420**, and the grayscale version is **59.5985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.3810, 0.3146, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **49.6646, 0.3167, 0.2935**, and if you desaturate by 10%, it is **69.0592, 0.3117, 0.3383**.

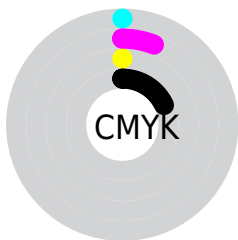
Distribution



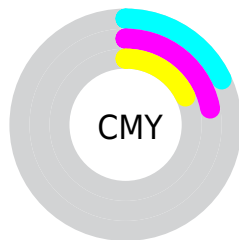
- Red (82%)
- Green (78%)
- Blue (82%)



- Red (82%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.6933, 0.3141, 0.3163 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 58.6933, 0.3141, 0.3163 by changing the saturation by 10% instead.

■ 58.6933, 0.3141,
0.3163

■ 58.6933, 0.3141,
0.3163

419.7644, 0.3135,
0.3224

■ 42.3663, 0.3142,
0.3149

102.9318, 0.3139,
0.3184

■ 29.3882, 0.3144,
0.3131

131.6120, 0.3138,
0.3193

■ 19.3747, 0.3146,
0.3108

165.1788, 0.3137,
0.3200

■ 11.9413, 0.3149,
0.3077

204.0165, 0.3137,
0.3206

■ 6.7037, 0.3153,
0.3033

248.5095, 0.3136,
0.3211

■ 3.2775, 0.3159,
0.2967

299.0422, 0.3136,

■ 1.2783, 0.3167,

0.3216

0.2857

355.9991, 0.3135,
0.3220

0.1243, 0.3327,
0.1540

0.0000, 0.0000,
0.0000

58.6933, 0.3141,
0.3163

58.6933, 0.3141,
0.3163

49.6646, 0.3167,
0.2935

69.0592, 0.3117,
0.3383

41.9111, 0.3197,
0.2704

80.8060, 0.3097,
0.3590

35.3771, 0.3228,
0.2477

90.0939, 0.3081,
0.3725

29.9998, 0.3262,
0.2262

90.1845, 0.3071,
0.3705

■ 25.7111, 0.3296,
0.2070

■ 90.2761, 0.3061,
0.3686

■ 22.4353, 0.3330,
0.1909

■ 90.3686, 0.3051,
0.3667

■ 20.0876, 0.3363,
0.1787

■ 90.4622, 0.3042,
0.3647

■ 18.5688, 0.3394,
0.1709

■ 90.5567, 0.3032,
0.3628

■ 17.7568, 0.3422,
0.1673

■ 90.6522, 0.3022,
0.3609

Harmonies

Analogous

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



58.6933, 0.3047, 0.3130



58.6933, 0.3141, 0.3163



58.6933, 0.3233, 0.3228

Triad

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



58.6933, 0.3141, 0.3163



58.6933, 0.3281, 0.3442



58.6933, 0.2961, 0.3266

Complementary

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



58.6933, 0.3141, 0.3163



62.2308, 0.3114, 0.3420

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.



58.6933, 0.3022, 0.3352



58.6933, 0.3141, 0.3163



58.6933, 0.3206, 0.3455

Square

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



58.6933, 0.3141, 0.3163



58.6933, 0.3314, 0.3389



58.6933, 0.3111, 0.3422



58.6933, 0.2944, 0.3188

Rectangle

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



58.6933, 0.3141, 0.3163



58.6933, 0.3279, 0.3283



58.6933, 0.3111, 0.3422



58.6933, 0.2977, 0.3295

Sweetspot

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



58.6958, 0.3141, 0.3163



96.7616, 0.3132, 0.3246



57.1840, 0.3049, 0.3148



20.7449, 0.3132, 0.3248



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.



58.6958, 0.3141, 0.3163



89.0393, 0.3144, 0.3133



58.4040, 0.3185, 0.3232



12.3722, 0.3146, 0.3122



10.6974, 0.3430, 0.1663



0.6033, 0.3385, 0.1638

Inverse Universe

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



58.6958, 0.3141, 0.3163



89.0393, 0.3144, 0.3133



62.5152, 0.3073, 0.3349



12.3722, 0.3146, 0.3122



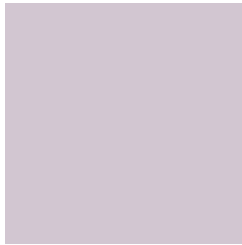
10.6974, 0.3430, 0.1663



0.6033, 0.3385, 0.1638

Previews

White Background



This preview shows how the Yxy color 58.6933, 0.3141, 0.3163 looks on a white background.

Color Contrast Check

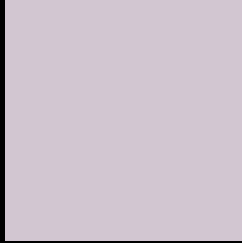
Large Text (above 18pt) WCAG AA × Fail

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 58.6933, 0.3141, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

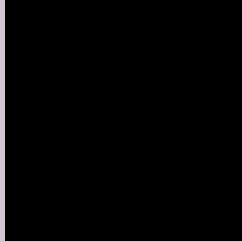
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

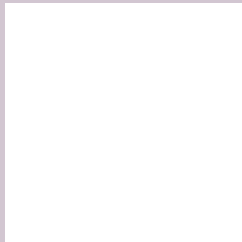
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.6933, 0.3141, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 58.6933, 0.3141, 0.3163.



This preview shows how white text looks on a background with the Yxy color 58.6933, 0.3141, 0.3163.

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

58.6933, 0.3141, 0.3163

Protanopia

58.5183, 0.3071, 0.3173

Deuteranopia

58.4351, 0.3191, 0.3120



Tritanopia

58.5855, 0.3120, 0.3107

Trichromacy



Original Color

58.6933, 0.3141, 0.3163

Protanomaly

58.4791, 0.3094, 0.3162

Deuteranomaly

58.4291, 0.3166, 0.3130

Tritanomaly

58.5349, 0.3127, 0.3118

Monochromacy



Original Color

58.6933, 0.3141, 0.3163

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.3029, 0.3137, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6933, 0.3141, 0.3163 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(210, 198, 209) looks like.

```
.text, #text, p{  
    color:rgb(210, 198, 209)  
}
```

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(210, 198, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 198, 209) }
```

Border

The CSS property to change the border of an element to Yxy 58.6933, 0.3141, 0.3163 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(210, 198, 209) }
```

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

```
.border{ border-color:rgb(210, 198, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 198, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 198, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 198, 209);  
box-shadow:4px 4px 4px 4px rgb(210, 198,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6933, 0.3141, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 198, 209) }
```

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

```
.background{ background-color: rgb(210,  
198, 209) }
```

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