

Converting Colors

$Yxy(58.7538, 0.3095, 0.3236)$

Have a look what the booklet for
Yxy(58.7538, 0.3095, 0.3236)
contains.

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Color

Yxy(58.6470, 0.3091, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	C9C9CE
RGB	201, 201, 206
RGB Percent	79%, 79%, 81%
CMY	0.2119, 0.2117, 0.1921
CMYK	0.02, 0.02, 0.00, 0.19
HSL	239°, 5%, 80%
HSV	239°, 2%, 81%
XYZ	56.1058, 58.6470, 66.7607
YIQ	201.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

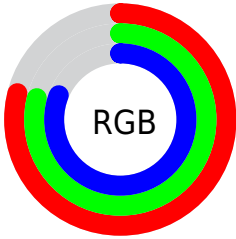
Format	Color
R _Y B	201, 201, 206
Decimal	13224398
CIE Lab	81.10, 0.91, -2.50
CIE LCh	81, 2.660, 289.959
Yxy	58.6470, 0.3091, 0.3231
Android (android.graphics.Color)	4291414478 (0xFFC9C9CE)
YUV	201.5700, 2.1840, -0.4999
Hunter-Lab	76.5813, -3.2428, 1.9202

Details

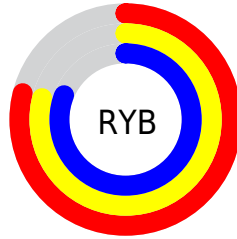
The Yxy color **58.6470, 0.3091, 0.3231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4541, 0.3163, 0.3348**, and the grayscale version is **58.7656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.3375, 0.3080, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **47.1206, 0.2931, 0.2970**, and if you desaturate by 10%, it is **71.8167, 0.3231, 0.3459**.

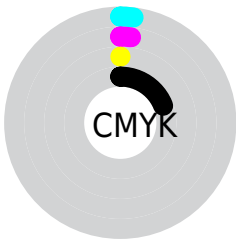
Distribution



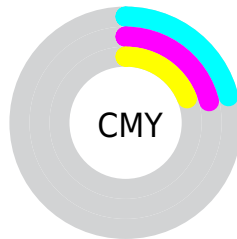
- Red (79%)
- Green (79%)
- Blue (81%)



- Red (79%)
- Yellow (79%)
- Blue (81%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)



- Cyan (21%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.6470, 0.3091, 0.3231 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 58.6470, 0.3091, 0.3231 by changing the saturation by 10% instead.

■ 58.6470, 0.3091,
0.3231

■ 58.6470, 0.3091,
0.3231

419.5925, 0.3108,
0.3259

■ 42.3290, 0.3087,
0.3224

102.8644, 0.3097,
0.3241

■ 29.3590, 0.3082,
0.3216

131.5327, 0.3100,
0.3245

■ 19.3526, 0.3075,
0.3205

165.0865, 0.3102,
0.3248

■ 11.9253, 0.3066,
0.3190

203.9102, 0.3103,
0.3251

■ 6.6928, 0.3052,
0.3169

248.3883, 0.3105,
0.3254

■ 3.2708, 0.3032,
0.3136

298.9051, 0.3106,

■ 1.2747, 0.2997,

0.3256

0.3081

355.8450, 0.3107,
0.3258

0.1215, 0.2431,
0.2146

0.0000, 0.0000,
0.0000

58.6470, 0.3091,
0.3231

58.6470, 0.3091,
0.3231

47.1206, 0.2931,
0.2970

71.8167, 0.3231,
0.3459

37.1658, 0.2751,
0.2675

86.6826, 0.3352,
0.3656

28.7169, 0.2552,
0.2350

97.2367, 0.3418,
0.3770

21.7005, 0.2342,
0.2003

■ 16.0374, 0.2128,
0.1651

■ 11.6404, 0.1926,
0.1317

■ 8.4121, 0.1751,
0.1025

■ 6.2413, 0.1618,
0.0803

■ 4.9950, 0.1535,
0.0663

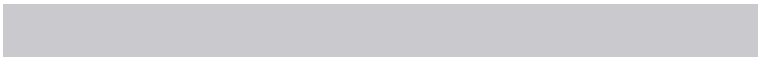
Harmonies

Analogous

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



58.6470, 0.3068, 0.3238



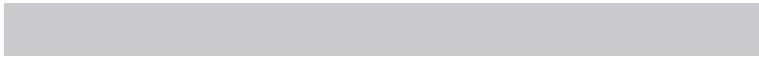
58.6470, 0.3091, 0.3231



58.6470, 0.3124, 0.3239

Triad

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



58.6470, 0.3091, 0.3231



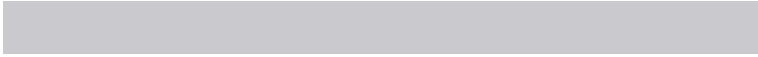
58.6470, 0.3195, 0.3320



58.6470, 0.3096, 0.3319

Complementary

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



58.6470, 0.3091, 0.3231



61.4541, 0.3163, 0.3348

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.



58.6470, 0.3130, 0.3342



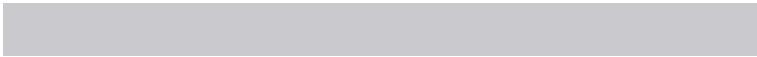
58.6470, 0.3091, 0.3231



58.6470, 0.3187, 0.3342

Square

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



58.6470, 0.3091, 0.3231



58.6470, 0.3184, 0.3291



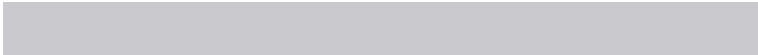
58.6470, 0.3163, 0.3350



58.6470, 0.3071, 0.3289

Rectangle

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



58.6470, 0.3091, 0.3231



58.6470, 0.3147, 0.3253



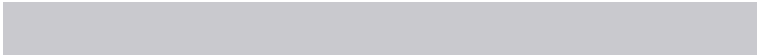
58.6470, 0.3163, 0.3350



58.6470, 0.3107, 0.3328

Sweetspot

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



58.6495, 0.3091, 0.3231



97.9239, 0.3112, 0.3266



61.0109, 0.3090, 0.3291



20.9816, 0.3113, 0.3267



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.



58.6495, 0.3091, 0.3231



93.8537, 0.3082, 0.3217



58.9606, 0.3110, 0.3231



12.2817, 0.3071, 0.3199



2.7901, 0.1503, 0.0609



0.1522, 0.1511, 0.0640

Inverse Universe

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



59.0926, 0.3166, 0.3289



94.7389, 0.3176, 0.3289



61.1382, 0.3144, 0.3349



12.4265, 0.3188, 0.3289



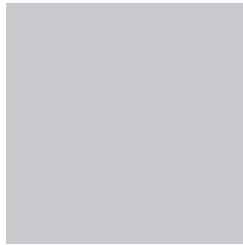
8.0847, 0.6385, 0.3291



0.4179, 0.6332, 0.3262

Previews

White Background



This preview shows how the Yxy color 58.6470, 0.3091, 0.3231 looks on a white background.

Color Contrast Check

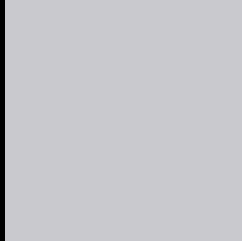
Large Text (above 18pt) WCAG AA × Fail

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 58.6470, 0.3091, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

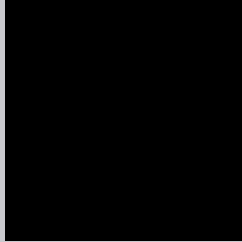
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

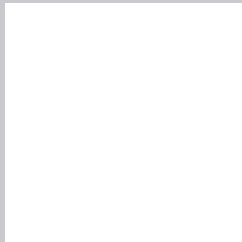
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.6470, 0.3091, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 58.6470, 0.3091, 0.3231.

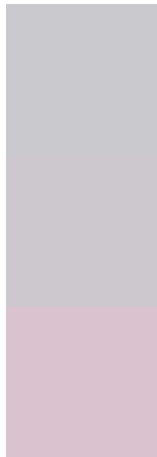


This preview shows how white text looks on a background with the Yxy color 58.6470, 0.3091, 0.3231.

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

58.6470, 0.3091, 0.3231

Protanopia

58.6022, 0.3115, 0.3220

Deuteranopia

58.4406, 0.3221, 0.3154



Tritanopia

58.7714, 0.3036, 0.3115

Trichromacy



Original Color

58.6470, 0.3091, 0.3231

Protanomaly

58.4613, 0.3107, 0.3219

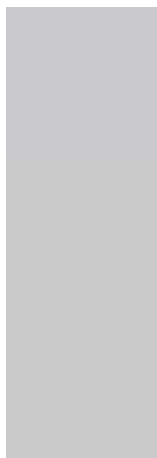
Deuteranomaly

58.4345, 0.3172, 0.3175

Tritanomaly

58.6186, 0.3057, 0.3150

Monochromacy



Original Color

58.6470, 0.3091, 0.3231

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.1094, 0.3120, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6470, 0.3091, 0.3231 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(201, 201, 206)` looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 206)  
}
```

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(201, 201, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 206) }
```

Border

The CSS property to change the border of an element to Yxy 58.6470, 0.3091, 0.3231 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(201, 201, 206) }
```

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

```
.border{ border-color:rgb(201, 201, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 201, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 201, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 201, 206);  
box-shadow:4px 4px 4px 4px rgb(201, 201,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6470, 0.3091, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 206) }
```

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

```
.background{ background-color: rgb(201,  
201, 206) }
```

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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