

Converting Colors

$Yxy(55.8492, 0.3067, 0.3202)$

Have a look what the booklet for
Yxy(55.8492, 0.3067, 0.3202)
contains.

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Color

Yxy(56.0279, 0.3069, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	C4C5CC
RGB	196, 197, 204
RGB Percent	77%, 77%, 80%
CMY	0.2312, 0.2275, 0.2001
CMYK	0.04, 0.03, 0.00, 0.20
HSL	233°, 7%, 78%
HSV	233°, 4%, 80%
XYZ	53.6337, 56.0279, 65.0979
YIQ	197.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

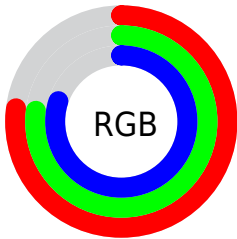
Format	Color
R _Y B	196, 197, 204
Decimal	12895692
CIE Lab	79.63, 0.98, -3.61
CIE LCh	80, 3.739, 285.201
Yxy	56.0279, 0.3069, 0.3206
Android (android.graphics.Color)	4291085772 (0xFFC4C5CC)
YUV	197.4990, 3.2050, -1.3146
Hunter-Lab	74.8518, -3.0897, 0.8323

Details

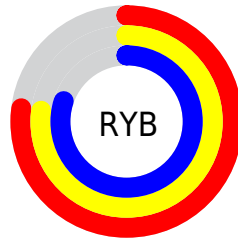
The Yxy color **56.0279, 0.3069, 0.3206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5369, 0.3185, 0.3373**, and the grayscale version is **56.1368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9863, 0.3115, 0.3280**, and **27.5977, 0.3049, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **45.8191, 0.2908, 0.2970**, and if you desaturate by 10%, it is **67.5803, 0.3213, 0.3413**.

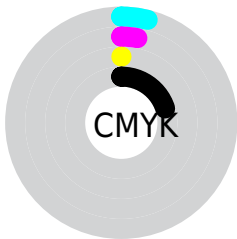
Distribution



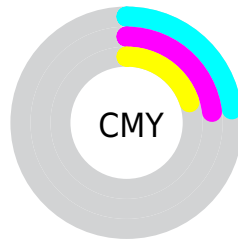
- Red (77%)
- Green (77%)
- Blue (80%)



- Red (77%)
- Yellow (77%)
- Blue (80%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (23%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0279, 0.3069, 0.3206 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 56.0279, 0.3069, 0.3206 by changing the saturation by 10% instead.

■ 56.0279, 0.3069,
0.3206

■ 56.0279, 0.3069,
0.3206

■ 409.7966, 0.3097,
0.3247

■ 40.2253, 0.3062,
0.3196

■ 99.0454, 0.3079,
0.3220

■ 27.7142, 0.3054,
0.3184

■ 127.0290, 0.3083,
0.3226

■ 18.1104, 0.3042,
0.3168

■ 159.8418, 0.3086,
0.3231

■ 11.0293, 0.3027,
0.3146

■ 197.8681, 0.3089,
0.3235

■ 6.0865, 0.3005,
0.3115

■ 241.4924, 0.3091,
0.3238

■ 2.8978, 0.2971,
0.3067

■ 291.0990, 0.3094,

■ 1.0786, 0.2910,

0.3241

0.2982

347.0722, 0.3096,
0.3244

0.0000, 0.0000,
0.0000

56.0279, 0.3069,
0.3206

56.0279, 0.3069,
0.3206

45.8191, 0.2908,
0.2970

67.5803, 0.3213,
0.3413

36.8982, 0.2730,
0.2705

80.5154, 0.3341,
0.3593

29.2160, 0.2538,
0.2413

94.4550, 0.3438,
0.3751

22.7173, 0.2336,
0.2101

97.1384, 0.3430,
0.3791

17.3430, 0.2135,
0.1778

■ 13.0287, 0.1944,
0.1463

■ 9.7033, 0.1776,
0.1175

■ 7.2869, 0.1645,
0.0935

■ 5.6867, 0.1558,
0.0759

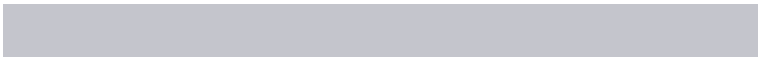
Harmonies

Analogous

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



56.0279, 0.3039, 0.3220



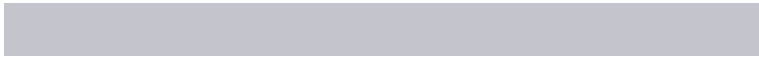
56.0279, 0.3069, 0.3206



56.0279, 0.3115, 0.3215

Triad

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



56.0279, 0.3069, 0.3206



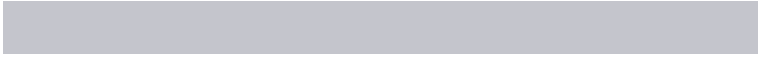
56.0279, 0.3223, 0.3327



56.0279, 0.3090, 0.3338

Complementary

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



56.0279, 0.3069, 0.3206



59.5369, 0.3185, 0.3373

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.



56.0279, 0.3139, 0.3367



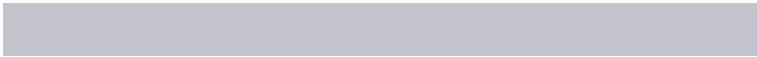
56.0279, 0.3069, 0.3206



56.0279, 0.3216, 0.3360

Square

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



56.0279, 0.3069, 0.3206



56.0279, 0.3204, 0.3284



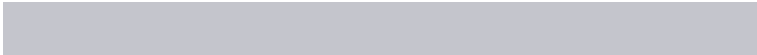
56.0279, 0.3185, 0.3375



56.0279, 0.3051, 0.3296

Rectangle

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



56.0279, 0.3069, 0.3206



56.0279, 0.3148, 0.3232



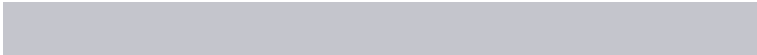
56.0279, 0.3185, 0.3375



56.0279, 0.3106, 0.3350

Sweetspot

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



56.0303, 0.3069, 0.3206



98.0988, 0.3112, 0.3269



59.2218, 0.3074, 0.3302



21.0172, 0.3113, 0.3270



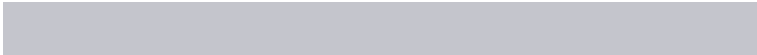
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



56.0303, 0.3069, 0.3206



90.7232, 0.3051, 0.3180



55.9874, 0.3092, 0.3195



11.9197, 0.3042, 0.3167



3.2501, 0.1527, 0.0698



0.2426, 0.1600, 0.0960

Inverse Universe

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



56.3594, 0.3183, 0.3279



91.4328, 0.3201, 0.3275



59.5871, 0.3161, 0.3385



12.0247, 0.3210, 0.3274



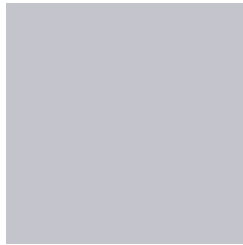
8.1311, 0.6236, 0.3209



0.4270, 0.5820, 0.2980

Previews

White Background



This preview shows how the Yxy color 56.0279, 0.3069, 0.3206 looks on a white background.

Color Contrast Check

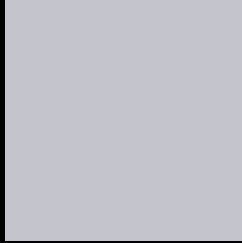
Large Text (above 18pt) WCAG AA × Fail

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 56.0279, 0.3069, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

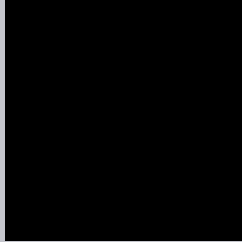
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

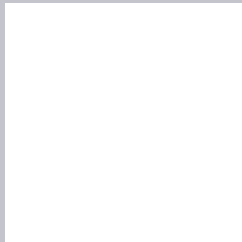
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.0279, 0.3069, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 56.0279, 0.3069, 0.3206.

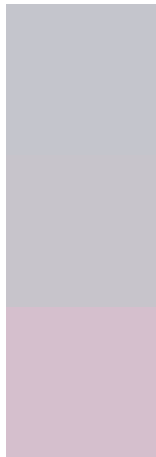


This preview shows how white text looks on a background with the Yxy color 56.0279, 0.3069, 0.3206.

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

56.0279, 0.3069, 0.3206

Protanopia

55.9338, 0.3100, 0.3206

Deuteranopia

55.8155, 0.3200, 0.3128



Tritanopia

56.0533, 0.3027, 0.3111

Trichromacy



Original Color

56.0279, 0.3069, 0.3206

Protanomaly

55.7974, 0.3092, 0.3206

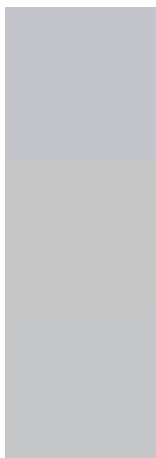
Deuteranomaly

55.8131, 0.3150, 0.3149

Tritanomaly

55.9042, 0.3048, 0.3147

Monochromacy



Original Color

56.0279, 0.3069, 0.3206

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.4286, 0.3105, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0279, 0.3069, 0.3206 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(196, 197, 204)` looks like.

```
.text, #text, p{  
    color:rgb(196, 197, 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(196, 197, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 197, 204) }
```

Border

The CSS property to change the border of an element to Yxy 56.0279, 0.3069, 0.3206 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(196, 197, 204) }
```

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

```
.border{ border-color:rgb(196, 197, 204) }
```

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

Here you see how a box with a 4 pixel rgb(196, 197, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 197, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 197, 204);  
box-shadow:4px 4px 4px 4px rgb(196, 197,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0279, 0.3069, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 197, 204) }
```

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

```
.background{ background-color: rgb(196,  
197, 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](#).

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