

Converting Colors

Yxy(57.1333, 0.2938, 0.3121)

Have a look what the booklet for
Yxy(57.1333, 0.2938, 0.3121)
contains.

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Color

Yxy(56.8550, 0.2939, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	BCC8D6
RGB	188, 200, 214
RGB Percent	74%, 78%, 84%
CMY	0.2626, 0.2157, 0.1608
CMYK	0.12, 0.07, 0.00, 0.16
HSL	212°, 24%, 79%
HSV	212°, 12%, 84%
XYZ	53.5395, 56.8550, 71.7747
YIQ	198.0080, -11.6460, 1.8100

Conversions

Conversions Part 2

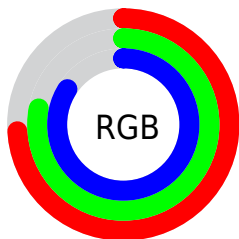
Format	Color
R _Y B	188, 196, 214
Decimal	12372182
CIE Lab	80.10, -1.28, -8.37
CIE LCh	80, 8.472, 261.309
Yxy	56.8550, 0.2939, 0.3121
Android (android.graphics.Color)	4290562262 (0xFFBCC8D6)
YUV	198.0080, 7.8841, -8.7770
Hunter-Lab	75.4023, -5.2097, -3.6560

Details

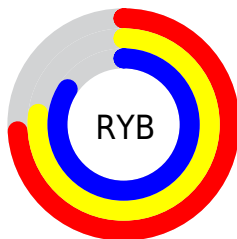
The Yxy color `56.8550, 0.2939, 0.3121` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `60.1997, 0.3324, 0.3453`, and the grayscale version is `56.4390, 0.3127, 0.3290`.

A 20% lighter version of the original color is `97.9731, 0.3060, 0.3290`, and `28.2119, 0.2896, 0.3080` is the 20% darker color. If you saturate the color by 10%, you get `49.1865, 0.2777, 0.2964`, and if you desaturate by 10%, it is `65.3357, 0.3095, 0.3262`.

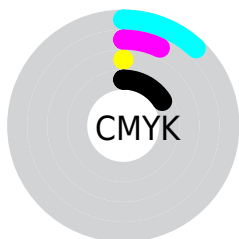
Distribution



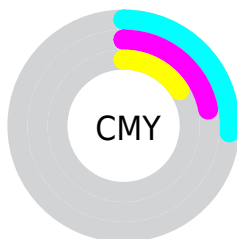
- Red (74%)
- Green (78%)
- Blue (84%)



- Red (74%)
- Yellow (77%)
- Blue (84%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (26%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8550, 0.2939, 0.3121 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 56.8550, 0.2939, 0.3121 by changing the saturation by 10% instead.

■ 56.8550, 0.2939,
0.3121

■ 56.8550, 0.2939,
0.3121

412.9058, 0.3030,
0.3203

■ 40.8888, 0.2917,
0.3101

■ 100.2536, 0.2971,
0.3150

■ 28.2322, 0.2890,
0.3077

128.4548, 0.2983,
0.3161

■ 18.5008, 0.2855,
0.3044

161.5031, 0.2994,
0.3171

■ 11.3101, 0.2807,
0.3001

199.7830, 0.3003,
0.3179

■ 6.2758, 0.2740,
0.2939

243.6788, 0.3011,
0.3186

■ 3.0135, 0.2636,
0.2843

293.5750, 0.3018,

■ 1.1388, 0.2459,

0.3192

0.2677

349.8558, 0.3024,
0.3198

0.0108, 0.0000,
0.0178

0.0000, 0.0000,
0.0000

56.8550, 0.2939,
0.3121

56.8550, 0.2939,
0.3121

49.1865, 0.2777,
0.2964

65.3357, 0.3095,
0.3262

42.2965, 0.2610,
0.2791

74.6467, 0.3243,
0.3387

36.1592, 0.2443,
0.2603

84.8143, 0.3381,
0.3498

30.7446, 0.2281,
0.2403

92.1514, 0.3383,
0.3608

■ 26.0200, 0.2129,
0.2194

■ 97.6354, 0.3370,
0.3691

■ 21.9499, 0.1992,
0.1983

■ 18.4943, 0.1877,
0.1775

■ 15.6071, 0.1786,
0.1577

■ 13.6801, 0.1731,
0.1431

Harmonies

Analogous

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



56.8550, 0.2913, 0.3186



56.8550, 0.2939, 0.3121



56.8550, 0.3015, 0.3102

Triad

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



56.8550, 0.2939, 0.3121



56.8550, 0.3314, 0.3295



56.8550, 0.3130, 0.3456

Complementary

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



56.8550, 0.2939, 0.3121



60.1997, 0.3324, 0.3453

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.



56.8550, 0.3238, 0.3484



56.8550, 0.2939, 0.3121



56.8550, 0.3346, 0.3389

Square

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



56.8550, 0.2939, 0.3121



56.8550, 0.3231, 0.3201



56.8550, 0.3318, 0.3459



56.8550, 0.3022, 0.3381

Rectangle

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



56.8550, 0.2939, 0.3121



56.8550, 0.3084, 0.3117



56.8550, 0.3318, 0.3459



56.8550, 0.3168, 0.3471

Sweetspot

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



56.8574, 0.2939, 0.3121



94.6534, 0.3066, 0.3236



63.0532, 0.3021, 0.3435



20.0493, 0.3054, 0.3226



0.0000, 0.0000, 0.0000



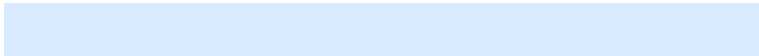
21.4041, 0.3127, 0.3290

Same Dimension

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



56.8574, 0.2939, 0.3121



80.9790, 0.2891, 0.3075



51.6487, 0.2943, 0.2974



12.9409, 0.2982, 0.3161



8.4714, 0.1738, 0.1457



0.6755, 0.1830, 0.1787

Inverse Universe

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



54.4529, 0.3250, 0.3151



76.7176, 0.3285, 0.3115



65.8971, 0.3301, 0.3588



12.5149, 0.3220, 0.3183



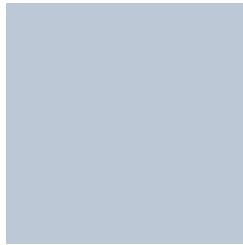
9.2000, 0.5115, 0.2591



0.5715, 0.4701, 0.2363

Previews

White Background



This preview shows how the Yxy color 56.8550, 0.2939, 0.3121 looks on a white background.

Color Contrast Check

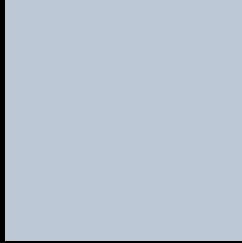
Large Text (above 18pt) WCAG AA × Fail

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 56.8550, 0.2939, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

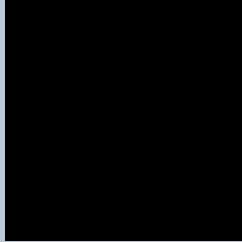
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

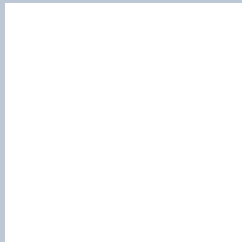
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8550, 0.2939, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 56.8550, 0.2939, 0.3121.



This preview shows how white text looks on a background with the Yxy color 56.8550, 0.2939, 0.3121.

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

56.8550, 0.2939, 0.3121

Protanopia

56.6917, 0.3027, 0.3112

Deuteranopia

56.7479, 0.3099, 0.3037



Tritanopia

56.9578, 0.2925, 0.3098

Trichromacy



Original Color

56.8550, 0.2939, 0.3121

Protanomaly

56.6616, 0.2990, 0.3111

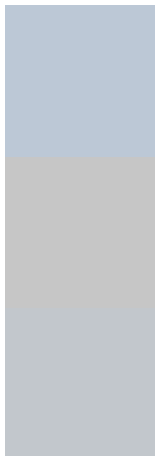
Deuteranomaly

56.9427, 0.3037, 0.3068

Tritanomaly

56.9062, 0.2932, 0.3109

Monochromacy



Original Color

56.8550, 0.2939, 0.3121

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.6758, 0.3053, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8550, 0.2939, 0.3121 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(188, 200, 214)` looks like.

```
.text, #text, p{  
    color:rgb(188, 200, 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(188, 200, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 200, 214) }
```

Border

The CSS property to change the border of an element to Yxy 56.8550, 0.2939, 0.3121 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(188, 200, 214) }
```

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

```
.border{ border-color:rgb(188, 200, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 200, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 200, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 200, 214);  
box-shadow:4px 4px 4px 4px rgb(188, 200,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8550, 0.2939, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 200, 214) }
```

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

```
.background{ background-color: rgb(188,  
200, 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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