

Converting Colors

Yxy(56.8452, 0.2988, 0.3181)

Have a look what the booklet for
Yxy(56.8452, 0.2988, 0.3181)
contains.

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Color

Yxy(56.8592, 0.2987, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	BEC8D1
RGB	190, 200, 209
RGB Percent	75%, 78%, 82%
CMY	0.2551, 0.2156, 0.1803
CMYK	0.09, 0.04, 0.00, 0.18
HSL	208°, 17%, 78%
HSV	208°, 9%, 82%
XYZ	53.3915, 56.8592, 68.4956
YIQ	198.0360, -8.8490, 0.6790

Conversions

Conversions Part 2

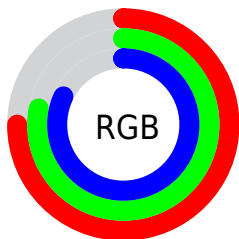
Format	Color
R _Y B	190, 197, 209
Decimal	12503249
CIE Lab	80.10, -1.67, -5.68
CIE LCh	80, 5.919, 253.601
Yxy	56.8592, 0.2987, 0.3181
Android (android.graphics.Color)	4290693329 (0xFFBEC8D1)
YUV	198.0360, 5.4053, -7.0476
Hunter-Lab	75.4050, -5.5696, -1.0737

Details

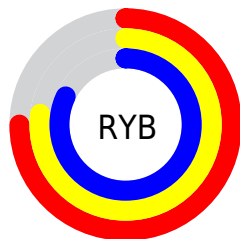
The Yxy color **56.8592, 0.2987, 0.3181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1033, 0.3274, 0.3397**, and the grayscale version is **56.4635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **28.2427, 0.2952, 0.3144** is the 20% darker color. If you saturate the color by 10%, you get **49.9339, 0.2828, 0.3049**, and if you desaturate by 10%, it is **64.4706, 0.3140, 0.3300**.

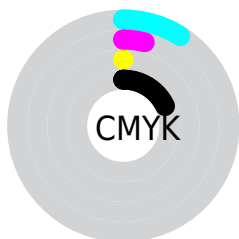
Distribution



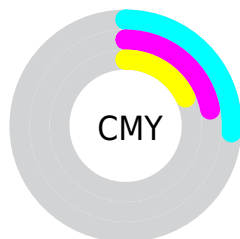
- Red (75%)
- Green (78%)
- Blue (82%)



- Red (75%)
- Yellow (77%)
- Blue (82%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (26%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8592, 0.2987, 0.3181 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 56.8592, 0.2987, 0.3181 by changing the saturation by 10% instead.

■ 56.8592, 0.2987,
0.3181

■ 56.8592, 0.2987,
0.3181

412.9215, 0.3055,
0.3234

■ 40.8922, 0.2971,
0.3168

■ 100.2597, 0.3011,
0.3200

■ 28.2349, 0.2950,
0.3152

128.4620, 0.3020,
0.3207

■ 18.5028, 0.2924,
0.3131

161.5116, 0.3028,
0.3213

■ 11.3116, 0.2888,
0.3103

199.7927, 0.3035,
0.3218

■ 6.2768, 0.2837,
0.3062

243.6899, 0.3041,
0.3223

■ 3.0141, 0.2759,
0.2998

293.5875, 0.3046,

■ 1.1391, 0.2623,

0.3227

0.2887

349.8699, 0.3050,
0.3231

0.0111, 0.0000,
0.0264

0.0000, 0.0000,
0.0000

56.8592, 0.2987,
0.3181

56.8592, 0.2987,
0.3181

49.9339, 0.2828,
0.3049

64.4706, 0.3140,
0.3300

43.6656, 0.2667,
0.2902

72.7817, 0.3287,
0.3406

38.0335, 0.2507,
0.2744

81.8147, 0.3425,
0.3499

33.0129, 0.2351,
0.2573

87.8959, 0.3425,
0.3594

■ 28.5769, 0.2204,
0.2394

■ 93.8524, 0.3409,
0.3688

■ 24.6963, 0.2072,
0.2210

■ 97.3845, 0.3400,
0.3740

■ 21.3383, 0.1959,
0.2026

■ 18.4652, 0.1868,
0.1845

■ 16.0191, 0.1800,
0.1673

Harmonies

Analogous

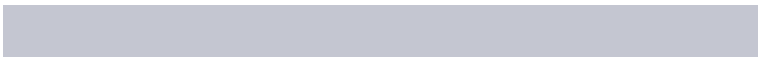
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.8592, 0.2979, 0.3234



56.8592, 0.2987, 0.3181



56.8592, 0.3032, 0.3158

Triad

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



56.8592, 0.2987, 0.3181



56.8592, 0.3246, 0.3276



56.8592, 0.3150, 0.3414

Complementary

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



56.8592, 0.2987, 0.3181



58.1033, 0.3274, 0.3397

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.



56.8592, 0.3222, 0.3424



56.8592, 0.2987, 0.3181



56.8592, 0.3278, 0.3344

Square

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



56.8592, 0.2987, 0.3181



56.8592, 0.3181, 0.3213



56.8592, 0.3269, 0.3398



56.8592, 0.3072, 0.3369

Rectangle

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



56.8592, 0.2987, 0.3181



56.8592, 0.3078, 0.3162



56.8592, 0.3269, 0.3398



56.8592, 0.3176, 0.3422

Sweetspot

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



56.8616, 0.2987, 0.3181



96.2939, 0.3081, 0.3255



60.6696, 0.3056, 0.3413



20.4025, 0.3069, 0.3245



0.0000, 0.0000, 0.0000



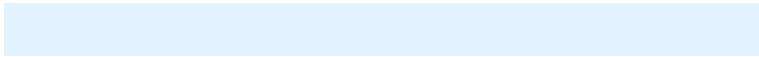
21.4041, 0.3127, 0.3290

Same Dimension

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



56.8616, 0.2987, 0.3181



86.8985, 0.2956, 0.3156



52.6293, 0.2986, 0.3065



12.4354, 0.2983, 0.3177



9.9501, 0.1801, 0.1682



0.7146, 0.1889, 0.2001

Inverse Universe

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



54.5369, 0.3206, 0.3172



82.5666, 0.3226, 0.3145



62.5744, 0.3263, 0.3505



11.9110, 0.3209, 0.3168



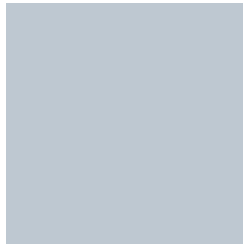
9.0757, 0.4829, 0.2434



0.5234, 0.4452, 0.2226

Previews

White Background



This preview shows how the Yxy color 56.8592, 0.2987, 0.3181 looks on a white background.

Color Contrast Check

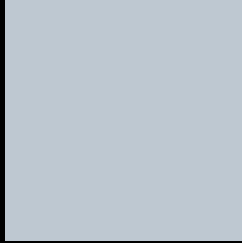
Large Text (above 18pt) WCAG AA × Fail

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 56.8592, 0.2987, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

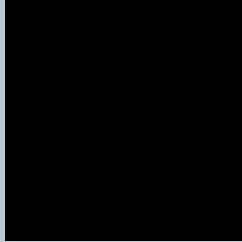
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

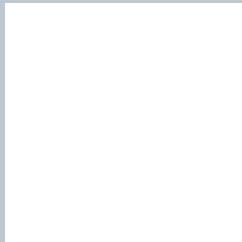
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8592, 0.2987, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 56.8592, 0.2987, 0.3181.



This preview shows how white text looks on a background with the Yxy color 56.8592, 0.2987, 0.3181.

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

56.8592, 0.2987, 0.3181

Protanopia

56.5796, 0.3070, 0.3171

Deuteranopia

56.7901, 0.3152, 0.3094



Tritanopia

56.8295, 0.2954, 0.3099

Trichromacy



Original Color

56.8592, 0.2987, 0.3181

Protanomaly

56.6780, 0.3040, 0.3170

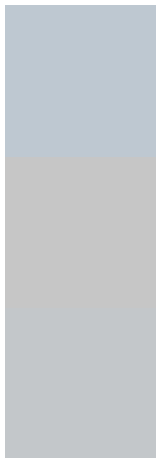
Deuteranomaly

56.9704, 0.3088, 0.3126

Tritanomaly

56.7273, 0.2967, 0.3122

Monochromacy



Original Color

56.8592, 0.2987, 0.3181

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.7132, 0.3075, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8592, 0.2987, 0.3181 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(190, 200, 209)` looks like.

```
.text, #text, p{  
    color:rgb(190, 200, 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(190, 200, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 200, 209) }
```

Border

The CSS property to change the border of an element to Yxy 56.8592, 0.2987, 0.3181 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(190, 200, 209) }
```

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

```
.border{ border-color:rgb(190, 200, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 200, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 200, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 200, 209);  
box-shadow:4px 4px 4px 4px rgb(190, 200,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8592, 0.2987, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 200, 209) }
```

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

```
.background{ background-color: rgb(190,  
200, 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](#).

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