

Converting Colors

Yxy(56.5768, 0.2936, 0.3150)

Have a look what the booklet for
Yxy(56.5768, 0.2936, 0.3150)
contains.

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Color

Yxy(56.5011, 0.2938, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	BAC8D4
RGB	186, 200, 212
RGB Percent	73%, 78%, 83%
CMY	0.2703, 0.2157, 0.1686
CMYK	0.12, 0.06, 0.00, 0.17
HSL	208°, 23%, 78%
HSV	208°, 12%, 83%
XYZ	52.7991, 56.5011, 70.4107
YIQ	197.1820, -12.1960, 0.7640

Conversions

Conversions Part 2

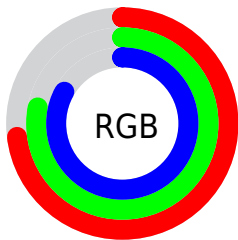
Format	Color
R _Y B	186, 195, 212
Decimal	12241108
CIE Lab	79.90, -2.33, -7.61
CIE LCh	80, 7.958, 252.966
Yxy	56.5011, 0.2938, 0.3144
Android (android.graphics.Color)	4290431188 (0xFFBAC8D4)
YUV	197.1820, 7.3053, -9.8066
Hunter-Lab	75.1672, -6.1604, -2.9211

Details

The Yxy color **56.5011, 0.2938, 0.3144** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9698, 0.3329, 0.3432**, and the grayscale version is **55.9180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **27.9786, 0.2895, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **49.6376, 0.2779, 0.3010**, and if you desaturate by 10%, it is **64.0555, 0.3093, 0.3265**.

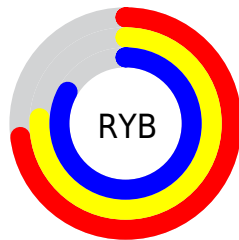
Distribution



Red (73%)

Green (78%)

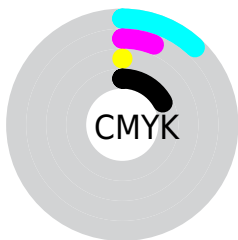
Blue (83%)



Red (73%)

Yellow (76%)

Blue (83%)

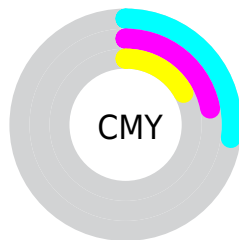


Cyan (12%)

Magenta (6%)

Yellow (0%)

Black (17%)



Cyan (27%)

Magenta (22%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5011, 0.2938, 0.3144 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 56.5011, 0.2938, 0.3144 by changing the saturation by 10% instead.

■ 56.5011, 0.2938,
0.3144

■ 56.5011, 0.2938,
0.3144

411.5772, 0.3029,
0.3215

■ 40.6048, 0.2916,
0.3127

■ 99.7369, 0.2970,
0.3169

■ 28.0104, 0.2889,
0.3105

127.8451, 0.2983,
0.3179

■ 18.3335, 0.2853,
0.3077

160.7929, 0.2993,
0.3187

■ 11.1897, 0.2805,
0.3039

198.9645, 0.3002,
0.3194

■ 6.1946, 0.2737,
0.2984

242.7443, 0.3010,
0.3200

■ 2.9638, 0.2632,
0.2899

292.5168, 0.3017,

■ 1.1128, 0.2452,

0.3206

0.2749

348.6663, 0.3024,
0.3211

0.0000, 0.0000,
0.0000

56.5011, 0.2938,
0.3144

56.5011, 0.2938,
0.3144

49.6376, 0.2779,
0.3010

64.0555, 0.3093,
0.3265

43.4353, 0.2618,
0.2863

72.3152, 0.3242,
0.3373

37.8722, 0.2459,
0.2703

81.3030, 0.3384,
0.3468

32.9225, 0.2306,
0.2533

87.9042, 0.3406,
0.3562

28.5581, 0.2165,
0.2356

93.8202, 0.3391,
0.3655

■ 24.7480, 0.2040,
0.2175

■ 97.5336, 0.3382,
0.3711

■ 21.4575, 0.1935,
0.1994

■ 18.6458, 0.1853,
0.1819

■ 16.7426, 0.1802,
0.1688

Harmonies

Analogous

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



56.5011, 0.2928, 0.3215



56.5011, 0.2938, 0.3144



56.5011, 0.2997, 0.3113

Triad

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



56.5011, 0.2938, 0.3144



56.5011, 0.3285, 0.3269



56.5011, 0.3160, 0.3459

Complementary

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



56.5011, 0.2938, 0.3144



57.9698, 0.3329, 0.3432

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.



56.5011, 0.3257, 0.3471



56.5011, 0.2938, 0.3144



56.5011, 0.3330, 0.3360

Square

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



56.5011, 0.2938, 0.3144



56.5011, 0.3198, 0.3185



56.5011, 0.3320, 0.3434



56.5011, 0.3055, 0.3399

Rectangle

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



56.5011, 0.2938, 0.3144



56.5011, 0.3058, 0.3118



56.5011, 0.3320, 0.3434



56.5011, 0.3194, 0.3469

Sweetspot

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



56.5035, 0.2938, 0.3144



95.1388, 0.3066, 0.3244



61.6002, 0.3034, 0.3463



20.1721, 0.3054, 0.3235



0.0000, 0.0000, 0.0000



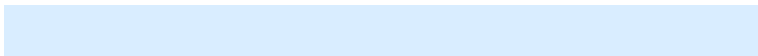
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5035, 0.2938, 0.3144



82.6650, 0.2892, 0.3106



50.8951, 0.2935, 0.2987



13.1017, 0.2982, 0.3179



10.5384, 0.1809, 0.1711



0.8005, 0.1891, 0.2007

Inverse Universe

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



53.3120, 0.3235, 0.3127



76.8878, 0.3264, 0.3087



63.9874, 0.3311, 0.3576



12.5312, 0.3208, 0.3166



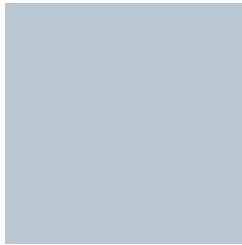
9.4087, 0.4792, 0.2414



0.5841, 0.4445, 0.2222

Previews

White Background



This preview shows how the Yxy color 56.5011, 0.2938, 0.3144 looks on a white background.

Color Contrast Check

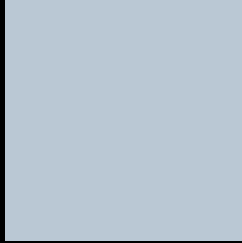
Large Text (above 18pt) WCAG AA × Fail

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 56.5011, 0.2938, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

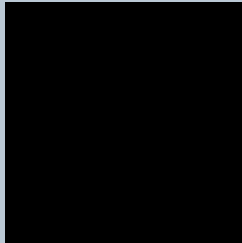
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

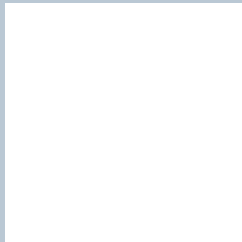
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5011, 0.2938, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 56.5011, 0.2938, 0.3144.

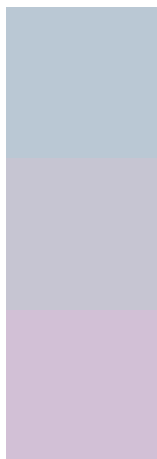


This preview shows how white text looks on a background with the Yxy color 56.5011, 0.2938, 0.3144.

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

56.5011, 0.2938, 0.3144

Protanopia

56.5914, 0.3041, 0.3136

Deuteranopia

56.2560, 0.3107, 0.3037



Tritanopia

56.3179, 0.2924, 0.3097

Trichromacy



Original Color

56.5011, 0.2938, 0.3144

Protanomaly

56.5606, 0.3004, 0.3134

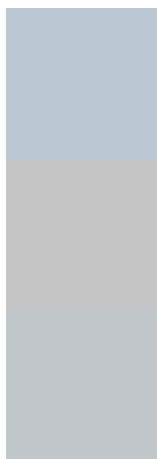
Deuteranomaly

56.2518, 0.3043, 0.3078

Tritanomaly

56.2667, 0.2931, 0.3109

Monochromacy



Original Color

56.5011, 0.2938, 0.3144

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.9899, 0.3059, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5011, 0.2938, 0.3144 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(186, 200, 212)` looks like.

```
.text, #text, p{  
    color:rgb(186, 200, 212)  
}
```

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(186, 200, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 200, 212) }
```

Border

The CSS property to change the border of an element to Yxy 56.5011, 0.2938, 0.3144 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(186, 200, 212) }
```

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

```
.border{ border-color:rgb(186, 200, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 200, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 200, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 200, 212);  
box-shadow:4px 4px 4px 4px rgb(186, 200,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5011, 0.2938, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 200, 212) }
```

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

```
.background{ background-color: rgb(186,  
200, 212) }
```

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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