

Converting Colors

$Y_{xy}(56.4475, 0.2955, 0.3240)$

Have a look what the booklet for
Yxy(56.4475, 0.2955, 0.3240)
contains.

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Color

Yxy(56.6424, 0.2949, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	B6CACE
RGB	182, 202, 206
RGB Percent	71%, 79%, 81%
CMY	0.2863, 0.2078, 0.1921
CMYK	0.12, 0.02, 0.00, 0.19
HSL	190°, 20%, 76%
HSV	190°, 12%, 81%
XYZ	51.5551, 56.6424, 66.6247
YIQ	196.4760, -13.2040, -2.9960

Conversions

Conversions Part 2

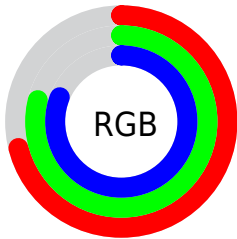
Format	Color
R_{YB}	182, 193, 206
Decimal	11979470
CIE _{Lab}	79.98, -5.93, -4.31
CIE _{LCh}	80, 7.333, 216.041
Yxy	56.6424, 0.2949, 0.3240
Android (android.graphics.Color)	4290169550 (0xFFB6CACE)
YUV	196.4760, 4.6953, -12.6955
Hunter-Lab	75.2611, -9.4317, 0.1965

Details

The Yxy color **56.6424, 0.2949, 0.3240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6326, 0.3329, 0.3339**, and the grayscale version is **55.4820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **28.1139, 0.2902, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **52.7161, 0.2801, 0.3193**, and if you desaturate by 10%, it is **60.9787, 0.3102, 0.3283**.

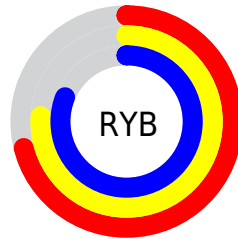
Distribution



Red (71%)

Green (79%)

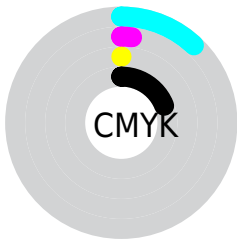
Blue (81%)



Red (71%)

Yellow (76%)

Blue (81%)

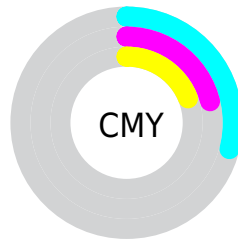


Cyan (12%)

Magenta (2%)

Yellow (0%)

Black (19%)



Cyan (29%)

Magenta (21%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6424, 0.2949, 0.3240 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 56.6424, 0.2949, 0.3240 by changing the saturation by 10% instead.

■ 56.6424, 0.2949,
0.3240

■ 56.6424, 0.2949,
0.3240

412.1080, 0.3035,
0.3265

■ 40.7182, 0.2929,
0.3234

■ 99.9432, 0.2979,
0.3249

■ 28.0990, 0.2903,
0.3226

128.0886, 0.2991,
0.3252

■ 18.4003, 0.2869,
0.3216

161.0766, 0.3001,
0.3255

■ 11.2377, 0.2824,
0.3201

199.2914, 0.3010,
0.3258

■ 6.2270, 0.2760,
0.3181

243.1176, 0.3017,
0.3260

■ 2.9836, 0.2661,
0.3147

292.9395, 0.3024,

■ 1.1232, 0.2490,

0.3262

0.3084

349.1415, 0.3030,
0.3263

0.0000, 0.0000,
0.0000

56.6424, 0.2949,
0.3240

56.6424, 0.2949,
0.3240

52.7161, 0.2801,
0.3193

60.9787, 0.3102,
0.3283

49.1765, 0.2660,
0.3142

65.7332, 0.3256,
0.3322

46.0084, 0.2529,
0.3088

70.9227, 0.3409,
0.3357

43.1929, 0.2412,
0.3031

74.7318, 0.3489,
0.3391

40.7093, 0.2312,
0.2972

76.5172, 0.3482,
0.3425

■ 38.5345, 0.2229,
0.2912

■ 78.3400, 0.3476,
0.3460

■ 36.6418, 0.2166,
0.2852

■ 80.2004, 0.3469,
0.3494

■ 34.9998, 0.2121,
0.2792

■ 82.0986, 0.3463,
0.3528

■ 33.7754, 0.2095,
0.2743

■ 84.0348, 0.3457,
0.3562

Harmonies

Analogous

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



56.6424, 0.2998, 0.3328



56.6424, 0.2949, 0.3240



56.6424, 0.2946, 0.3168

Triad

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



56.6424, 0.2949, 0.3240



56.6424, 0.3170, 0.3179



56.6424, 0.3263, 0.3453

Complementary

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



56.6424, 0.2949, 0.3240



51.6326, 0.3329, 0.3339

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.



56.6424, 0.3311, 0.3410



56.6424, 0.2949, 0.3240



56.6424, 0.3257, 0.3252

Square

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



56.6424, 0.2949, 0.3240



56.6424, 0.3073, 0.3134



56.6424, 0.3309, 0.3336



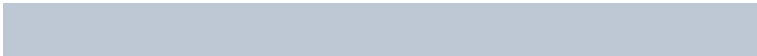
56.6424, 0.3179, 0.3452

Rectangle

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



56.6424, 0.2949, 0.3240



56.6424, 0.2972, 0.3138



56.6424, 0.3309, 0.3336



56.6424, 0.3284, 0.3443

Sweetspot

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



56.6448, 0.2949, 0.3240



97.7628, 0.3080, 0.3278



57.6465, 0.3085, 0.3541



20.7995, 0.3068, 0.3274



0.0000, 0.0000, 0.0000



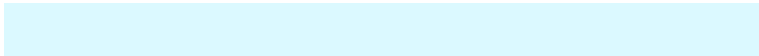
21.4041, 0.3127, 0.3290

Same Dimension

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



56.6448, 0.2949, 0.3240



90.0894, 0.2911, 0.3229



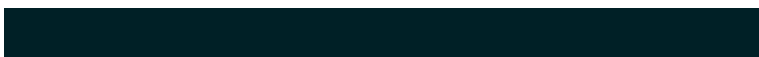
51.2343, 0.2946, 0.3090



12.3946, 0.2983, 0.3250



20.9148, 0.2098, 0.2751



1.1661, 0.2130, 0.2867

Inverse Universe

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



50.8468, 0.3172, 0.3052



78.9204, 0.3183, 0.2999



56.8999, 0.3311, 0.3482



11.3702, 0.3163, 0.3099



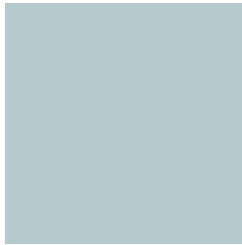
9.9144, 0.3680, 0.1801



0.5203, 0.3573, 0.1742

Previews

White Background



This preview shows how the Yxy color 56.6424, 0.2949, 0.3240 looks on a white background.

Color Contrast Check

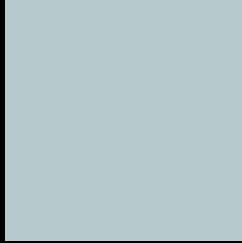
Large Text (above 18pt) WCAG AA × Fail

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 56.6424, 0.2949, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

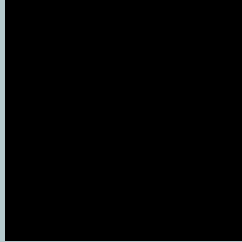
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

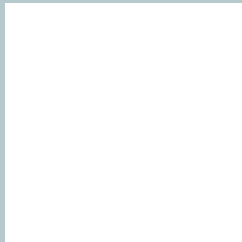
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6424, 0.2949, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 56.6424, 0.2949, 0.3240.



This preview shows how white text looks on a background with the Yxy color 56.6424, 0.2949, 0.3240.

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

56.6424, 0.2949, 0.3240

Protanopia

56.5237, 0.3107, 0.3218

Deuteranopia

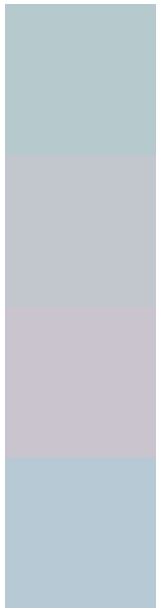
56.3995, 0.3176, 0.3106



Tritanopia

56.4568, 0.2896, 0.3096

Trichromacy



Original Color

56.6424, 0.2949, 0.3240

Protanomaly

56.5439, 0.3045, 0.3229

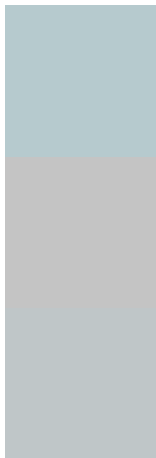
Deuteranomaly

56.5414, 0.3094, 0.3160

Tritanomaly

56.5940, 0.2916, 0.3156

Monochromacy



Original Color

56.6424, 0.2949, 0.3240

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.6347, 0.3058, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6424, 0.2949, 0.3240 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(182, 202, 206)` looks like.

```
.text, #text, p{  
    color:rgb(182, 202, 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(182, 202, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 202, 206) }
```

Border

The CSS property to change the border of an element to Yxy 56.6424, 0.2949, 0.3240 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(182, 202, 206) }
```

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

```
.border{ border-color:rgb(182, 202, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 202, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 202, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 202, 206);  
box-shadow:4px 4px 4px 4px rgb(182, 202,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6424, 0.2949, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 202, 206) }
```

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

```
.background{ background-color: rgb(182,  
202, 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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