

Converting Colors

Yxy(56.8833, 0.2865, 0.3045)

Have a look what the booklet for
Yxy(56.8833, 0.2865, 0.3045)
contains.

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Color

Yxy(56.7194, 0.2864, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	B8C8DD
RGB	184, 200, 221
RGB Percent	72%, 78%, 87%
CMY	0.2784, 0.2157, 0.1335
CMYK	0.17, 0.09, 0.00, 0.13
HSL	214°, 35%, 79%
HSV	214°, 17%, 87%
XYZ	53.4708, 56.7194, 76.5096
YIQ	197.6100, -16.2770, 3.1390

Conversions

Conversions Part 2

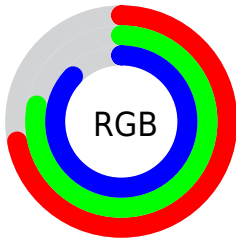
Format	Color
RYB	184, 195, 221
Decimal	12110045
CIELab	80.02, -1.13, -12.25
CIELCh	80, 12.304, 264.744
Yxy	56.7194, 0.2864, 0.3038
Android (android.graphics.Color)	4290300125 (0xFFB8C8DD)
YUV	197.6100, 11.5313, -11.9360
Hunter-Lab	75.3123, -5.0636, -7.5140

Details

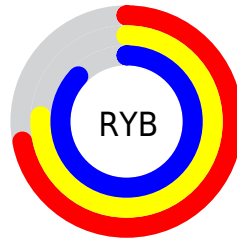
The Yxy color **56.7194, 0.2864, 0.3038** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4773, 0.3406, 0.3530**, and the grayscale version is **56.1608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **28.1362, 0.2799, 0.2969** is the 20% darker color. If you saturate the color by 10%, you get **48.6326, 0.2698, 0.2864**, and if you desaturate by 10%, it is **65.7131, 0.3024, 0.3194**.

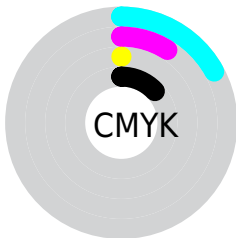
Distribution



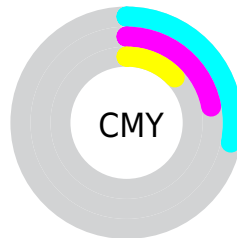
- Red (72%)
- Green (78%)
- Blue (87%)



- Red (72%)
- Yellow (76%)
- Blue (87%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (28%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7194, 0.2864, 0.3038 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 56.7194, 0.2864, 0.3038 by changing the saturation by 10% instead.

■ 56.7194, 0.2864,
0.3038

■ 56.7194, 0.2864,
0.3038

412.3970, 0.2990,
0.3160

■ 40.7800, 0.2834,
0.3009

■ 100.0556, 0.2909,
0.3081

■ 28.1472, 0.2796,
0.2972

128.2213, 0.2926,
0.3098

■ 18.4367, 0.2747,
0.2925

161.2311, 0.2941,
0.3112

■ 11.2639, 0.2681,
0.2861

199.4695, 0.2953,
0.3124

■ 6.2447, 0.2589,
0.2770

243.3209, 0.2964,
0.3135

■ 2.9944, 0.2448,
0.2632

293.1697, 0.2974,

■ 1.1288, 0.2212,

0.3144

0.2399

349.4003, 0.2983,
0.3152

0.0024, 0.0000,
0.0028

0.0000, 0.0000,
0.0000

56.7194, 0.2864,
0.3038

56.7194, 0.2864,
0.3038

48.6326, 0.2698,
0.2864

65.7131, 0.3024,
0.3194

41.4145, 0.2528,
0.2674

75.6360, 0.3176,
0.3334

35.0344, 0.2359,
0.2469

86.5185, 0.3318,
0.3457

29.4569, 0.2197,
0.2253

94.9364, 0.3334,
0.3576

■ 24.6434, 0.2047,
0.2032

■ 97.9985, 0.3328,
0.3622

■ 20.5514, 0.1916,
0.1811

■ 17.1329, 0.1809,
0.1598

■ 14.3293, 0.1729,
0.1402

■ 13.5165, 0.1706,
0.1341

Harmonies

Analogous

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



56.7194, 0.2818, 0.3123



56.7194, 0.2864, 0.3038



56.7194, 0.2979, 0.3020

Triad

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



56.7194, 0.2864, 0.3038



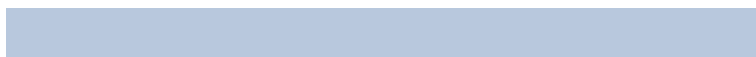
56.7194, 0.3409, 0.3311



56.7194, 0.3112, 0.3524

Complementary

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



56.7194, 0.2864, 0.3038



62.4773, 0.3406, 0.3530

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.



56.7194, 0.3271, 0.3574



56.7194, 0.2864, 0.3038



56.7194, 0.3446, 0.3445

Square

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



56.7194, 0.2864, 0.3038



56.7194, 0.3295, 0.3176



56.7194, 0.3395, 0.3543



56.7194, 0.2959, 0.3407

Rectangle

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



56.7194, 0.2864, 0.3038



56.7194, 0.3082, 0.3047



56.7194, 0.3395, 0.3543



56.7194, 0.3166, 0.3549

Sweetspot

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



56.7217, 0.2864, 0.3038



93.1337, 0.3050, 0.3219



66.2911, 0.2973, 0.3481



19.7336, 0.3039, 0.3209



0.0000, 0.0000, 0.0000



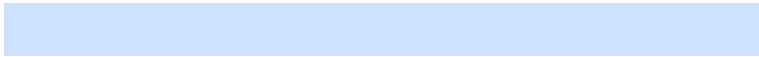
21.4041, 0.3127, 0.3290

Same Dimension

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



56.7217, 0.2864, 0.3038



74.4891, 0.2807, 0.2980



50.0049, 0.2874, 0.2842



13.5395, 0.2982, 0.3154



8.0707, 0.1714, 0.1369



0.6920, 0.1802, 0.1688

Inverse Universe

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



53.8240, 0.3313, 0.3107



69.9407, 0.3359, 0.3068



70.1373, 0.3359, 0.3706



13.1446, 0.3224, 0.3189



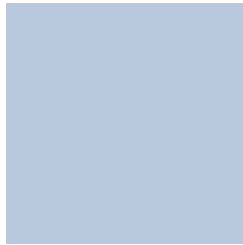
9.4385, 0.5232, 0.2656



0.6285, 0.4821, 0.2430

Previews

White Background



This preview shows how the Yxy color 56.7194, 0.2864, 0.3038 looks on a white background.

Color Contrast Check

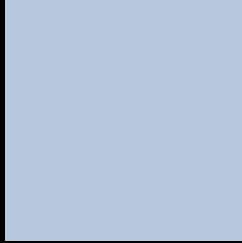
Large Text (above 18pt) WCAG AA × Fail

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 56.7194, 0.2864, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

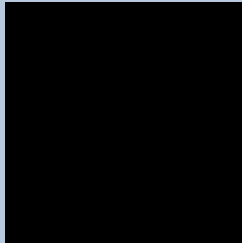
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

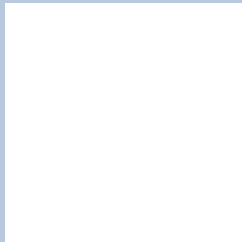
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7194, 0.2864, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 56.7194, 0.2864, 0.3038.



This preview shows how white text looks on a background with the Yxy color 56.7194, 0.2864, 0.3038.

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

56.7194, 0.2864, 0.3038

Protanopia

56.7827, 0.2963, 0.3031

Deuteranopia

56.5357, 0.3018, 0.2957



Tritanopia

56.8503, 0.2883, 0.3096

Trichromacy



Original Color

56.7194, 0.2864, 0.3038

Protanomaly

56.7619, 0.2927, 0.3029

Deuteranomaly

56.7595, 0.2957, 0.2986

Tritanomaly

56.9025, 0.2877, 0.3084

Monochromacy



Original Color

56.7194, 0.2864, 0.3038

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.6405, 0.3031, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7194, 0.2864, 0.3038 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(184, 200, 221)` looks like.

```
.text, #text, p{  
    color:rgb(184, 200, 221)  
}
```

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(184, 200, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 200, 221) }
```

Border

The CSS property to change the border of an element to Yxy 56.7194, 0.2864, 0.3038 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(184, 200, 221) }
```

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

```
.border{ border-color:rgb(184, 200, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 200, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 200, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 200, 221);  
box-shadow:4px 4px 4px 4px rgb(184, 200,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7194, 0.2864, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 200, 221) }
```

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

```
.background{ background-color: rgb(184,  
200, 221) }
```

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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