

Converting Colors

Yxy(56.8618, 0.2949, 0.3195)

Have a look what the booklet for
Yxy(56.8618, 0.2949, 0.3195)
contains.

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Color

Yxy(56.6910, 0.2951, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	B9C9D1
RGB	185, 201, 209
RGB Percent	73%, 79%, 82%
CMY	0.2743, 0.2118, 0.1804
CMYK	0.11, 0.04, 0.00, 0.18
HSL	200°, 21%, 77%
HSV	200°, 11%, 82%
XYZ	52.4108, 56.6910, 68.5016
YIQ	197.1280, -12.1040, -0.9040

Conversions

Conversions Part 2

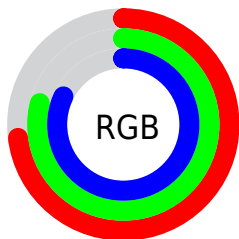
Format	Color
R_{YB}	185, 195, 209
Decimal	12175825
CIE _{Lab}	80.01, -3.80, -5.85
CIE _{LCh}	80, 6.975, 236.951
Yxy	56.6910, 0.2951, 0.3192
Android (android.graphics.Color)	4290365905 (0xFFB9C9D1)
YUV	197.1280, 5.8529, -10.6363
Hunter-Lab	75.2934, -7.5120, -1.2364

Details

The Yxy color **56.6910, 0.2951, 0.3192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2244, 0.3319, 0.3386**, and the grayscale version is **55.8910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **28.1395, 0.2904, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **51.0975, 0.2797, 0.3097**, and if you desaturate by 10%, it is **62.8196, 0.3105, 0.3278**.

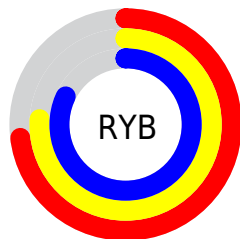
Distribution



Red (73%)

Green (79%)

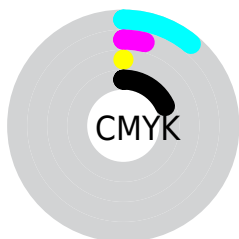
Blue (82%)



Red (73%)

Yellow (76%)

Blue (82%)

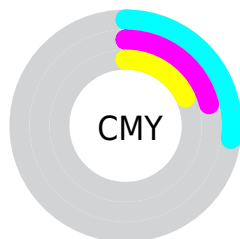


Cyan (11%)

Magenta (4%)

Yellow (0%)

Black (18%)



Cyan (27%)

Magenta (21%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6910, 0.2951, 0.3192 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 56.6910, 0.2951, 0.3192 by changing the saturation by 10% instead.

■ 56.6910, 0.2951,
0.3192

■ 56.6910, 0.2951,
0.3192

412.2904, 0.3036,
0.3240

■ 40.7572, 0.2931,
0.3180

■ 100.0142, 0.2981,
0.3209

■ 28.1294, 0.2905,
0.3166

128.1723, 0.2993,
0.3216

■ 18.4232, 0.2872,
0.3146

161.1741, 0.3002,
0.3221

■ 11.2543, 0.2828,
0.3120

199.4038, 0.3011,
0.3226

■ 6.2381, 0.2764,
0.3082

243.2459, 0.3018,
0.3230

■ 2.9904, 0.2667,
0.3022

293.0848, 0.3025,

■ 1.1267, 0.2499,

0.3234

0.2916

349.3048, 0.3031,
0.3237

0.0006, 0.0000,
0.0015

0.0000, 0.0000,
0.0000

56.6910, 0.2951,
0.3192

56.6910, 0.2951,
0.3192

51.0975, 0.2797,
0.3097

62.8196, 0.3105,
0.3278

46.0134, 0.2644,
0.2993

69.4936, 0.3256,
0.3355

41.4213, 0.2498,
0.2881

76.7321, 0.3402,
0.3424

37.2998, 0.2361,
0.2763

81.8699, 0.3444,
0.3491

■ 33.6257, 0.2237,
0.2638

■ 85.8136, 0.3432,
0.3560

■ 30.3731, 0.2130,
0.2511

■ 89.9147, 0.3420,
0.3627

■ 27.5128, 0.2042,
0.2382

■ 94.1749, 0.3408,
0.3693

■ 25.0102, 0.1974,
0.2255

■ 97.3835, 0.3400,
0.3741

■ 23.1059, 0.1930,
0.2148

Harmonies

Analogous

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



56.6910, 0.2968, 0.3267



56.6910, 0.2951, 0.3192



56.6910, 0.2981, 0.3145

Triad

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



56.6910, 0.2951, 0.3192



56.6910, 0.3228, 0.3231



56.6910, 0.3203, 0.3449

Complementary

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



56.6910, 0.2951, 0.3192



55.2244, 0.3319, 0.3386

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.



56.6910, 0.3275, 0.3436



56.6910, 0.2951, 0.3192



56.6910, 0.3290, 0.3310

Square

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



56.6910, 0.2951, 0.3192



56.6910, 0.3140, 0.3168



56.6910, 0.3307, 0.3385



56.6910, 0.3112, 0.3417

Rectangle

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



56.6910, 0.2951, 0.3192



56.6910, 0.3023, 0.3134



56.6910, 0.3307, 0.3385



56.6910, 0.3231, 0.3450

Sweetspot

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



56.6934, 0.2951, 0.3192



96.9569, 0.3081, 0.3265



59.7732, 0.3059, 0.3486



20.5815, 0.3068, 0.3258



0.0000, 0.0000, 0.0000



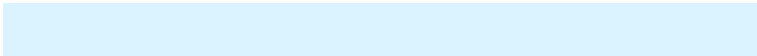
21.4041, 0.3127, 0.3290

Same Dimension

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



56.6934, 0.2951, 0.3192



86.4666, 0.2909, 0.3167



51.3354, 0.2948, 0.3043



12.7134, 0.2983, 0.3210



14.4342, 0.1935, 0.2166



0.9499, 0.1999, 0.2397

Inverse Universe

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



52.4894, 0.3203, 0.3102



78.5547, 0.3223, 0.3056



60.7270, 0.3302, 0.3525



11.9391, 0.3188, 0.3136



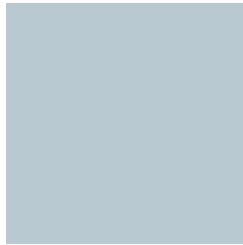
9.5284, 0.4269, 0.2125



0.5472, 0.4026, 0.1992

Previews

White Background



This preview shows how the Yxy color 56.6910, 0.2951, 0.3192 looks on a white background.

Color Contrast Check

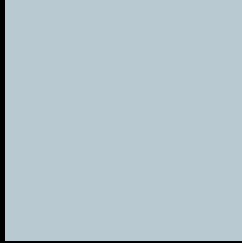
Large Text (above 18pt) WCAG AA × Fail

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 56.6910, 0.2951, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

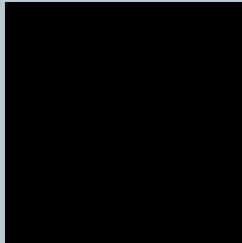
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

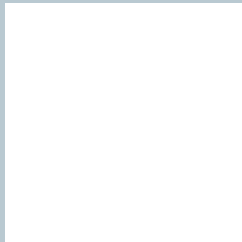
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6910, 0.2951, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 56.6910, 0.2951, 0.3192.



This preview shows how white text looks on a background with the Yxy color 56.6910, 0.2951, 0.3192.

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

56.6910, 0.2951, 0.3192

Protanopia

56.5796, 0.3070, 0.3171

Deuteranopia

56.3995, 0.3145, 0.3071



Tritanopia

56.7055, 0.2911, 0.3097

Trichromacy



Original Color

56.6910, 0.2951, 0.3192

Protanomaly

56.4116, 0.3025, 0.3170

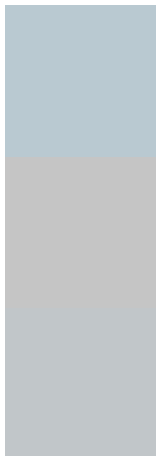
Deuteranomaly

56.2399, 0.3073, 0.3113

Tritanomaly

56.5518, 0.2931, 0.3132

Monochromacy



Original Color

56.6910, 0.2951, 0.3192

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.9427, 0.3067, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6910, 0.2951, 0.3192 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(185, 201, 209)` looks like.

```
.text, #text, p{  
    color:rgb(185, 201, 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(185, 201, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 201, 209) }
```

Border

The CSS property to change the border of an element to Yxy 56.6910, 0.2951, 0.3192 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(185, 201, 209) }
```

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

```
.border{ border-color:rgb(185, 201, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 201, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 201, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 201, 209);  
box-shadow:4px 4px 4px 4px rgb(185, 201,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6910, 0.2951, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 201, 209) }
```

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

```
.background{ background-color: rgb(185,  
201, 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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