

Converting Colors

$Yxy(58.5561, 0.2931, 0.3217)$

Have a look what the booklet for
Yxy(58.5561, 0.2931, 0.3217)
contains.

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Color

Yxy(58.5561, 0.2931, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	B8CDD3
RGB	184, 205, 211
RGB Percent	72%, 80%, 83%
CMY	0.2785, 0.1960, 0.1726
CMYK	0.13, 0.03, 0.00, 0.17
HSL	193°, 23%, 77%
HSV	193°, 13%, 83%
XYZ	53.3503, 58.5561, 70.1144
YIQ	199.4050, -14.4420, -2.5860

Conversions

Conversions Part 2

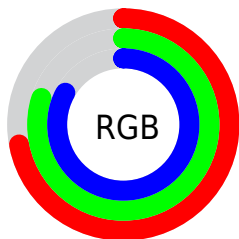
Format	Color
RYB	184, 196, 211
Decimal	12111315
CIELab	81.05, -5.86, -5.39
CIELCh	81, 7.957, 222.596
Yxy	58.5561, 0.2931, 0.3217
Android (android.graphics.Color)	4290301395 (0xFFB8CDD3)
YUV	199.4050, 5.7163, -13.5102
Hunter-Lab	76.5220, -9.4651, -0.7600

Details

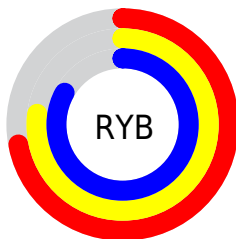
The Yxy color **58.5561, 0.2931, 0.3217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1145, 0.3349, 0.3362**, and the grayscale version is **57.3434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **29.3928, 0.2879, 0.3192** is the 20% darker color. If you saturate the color by 10%, you get **53.9431, 0.2781, 0.3154**, and if you desaturate by 10%, it is **63.6293, 0.3084, 0.3275**.

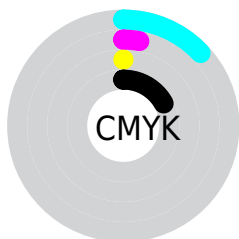
Distribution



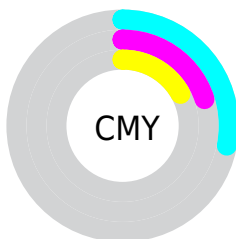
- Red (72%)
- Green (80%)
- Blue (83%)



- Red (72%)
- Yellow (77%)
- Blue (83%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (28%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5561, 0.2931, 0.3217 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 58.5561, 0.2931, 0.3217 by changing the saturation by 10% instead.

■ 58.5561, 0.2931,
0.3217

■ 58.5561, 0.2931,
0.3217

419.2549, 0.3025,
0.3253

■ 42.2559, 0.2909,
0.3208

■ 102.7322, 0.2964,
0.3230

■ 29.3017, 0.2881,
0.3197

131.3769, 0.2977,
0.3235

■ 19.3092, 0.2845,
0.3183

164.9052, 0.2988,
0.3239

■ 11.8939, 0.2796,
0.3163

203.7016, 0.2997,
0.3242

■ 6.6715, 0.2728,
0.3134

248.1503, 0.3005,
0.3246

■ 3.2575, 0.2624,
0.3089

298.6358, 0.3013,

■ 1.2676, 0.2449,

0.3248

0.3007

355.5426, 0.3019,
0.3251

0.1159, 0.0000,
0.1874

0.0000, 0.0000,
0.0000

58.5561, 0.2931,
0.3217

58.5561, 0.2931,
0.3217

53.9431, 0.2781,
0.3154

63.6293, 0.3084,
0.3275

49.7653, 0.2637,
0.3085

69.1720, 0.3237,
0.3327

46.0061, 0.2503,
0.3012

75.2024, 0.3389,
0.3374

42.6449, 0.2381,
0.2936

79.1109, 0.3439,
0.3419

■ 39.6591, 0.2275,
0.2856

■ 81.6517, 0.3431,
0.3465

■ 37.0234, 0.2187,
0.2774

■ 84.2620, 0.3423,
0.3511

■ 34.7090, 0.2118,
0.2693

■ 86.9423, 0.3416,
0.3557

■ 32.6809, 0.2069,
0.2611

■ 89.6931, 0.3408,
0.3602

■ 31.3568, 0.2043,
0.2554

■ 92.5149, 0.3400,
0.3646

Harmonies

Analogous

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



58.5561, 0.2974, 0.3310



58.5561, 0.2931, 0.3217



58.5561, 0.2940, 0.3146

Triad

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



58.5561, 0.2931, 0.3217



58.5561, 0.3196, 0.3186



58.5561, 0.3256, 0.3469

Complementary

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



58.5561, 0.2931, 0.3217



54.1145, 0.3349, 0.3362

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.



58.5561, 0.3318, 0.3432



58.5561, 0.2931, 0.3217



58.5561, 0.3283, 0.3268

Square

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



58.5561, 0.2931, 0.3217



58.5561, 0.3091, 0.3130



58.5561, 0.3328, 0.3358



58.5561, 0.3161, 0.3457

Rectangle

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



58.5561, 0.2931, 0.3217



58.5561, 0.2974, 0.3121



58.5561, 0.3328, 0.3358



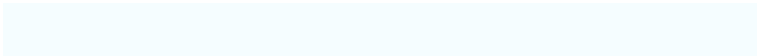
58.5561, 0.3282, 0.3462

Sweetspot

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



58.5585, 0.2931, 0.3217



96.6843, 0.3065, 0.3268



60.4830, 0.3072, 0.3551



20.5638, 0.3053, 0.3264



0.0000, 0.0000, 0.0000



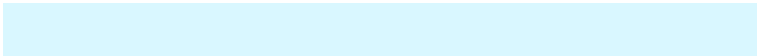
21.4041, 0.3127, 0.3290

Same Dimension

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



58.5585, 0.2931, 0.3217



88.1695, 0.2895, 0.3203



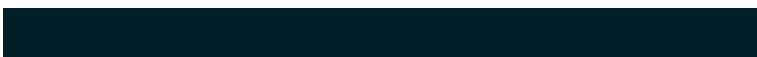
52.4259, 0.2927, 0.3051



12.9445, 0.2983, 0.3237



19.0827, 0.2046, 0.2566



1.1793, 0.2087, 0.2714

Inverse Universe

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



52.5257, 0.3189, 0.3044



77.4435, 0.3201, 0.2998



60.1795, 0.3329, 0.3518



11.9624, 0.3171, 0.3111



9.9977, 0.3857, 0.1899



0.5703, 0.3715, 0.1820

Previews

White Background



This preview shows how the Yxy color 58.5561, 0.2931, 0.3217 looks on a white background.

Color Contrast Check

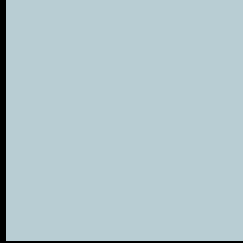
Large Text (above 18pt) WCAG AA × Fail

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 58.5561, 0.2931, 0.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

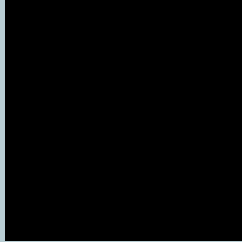
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

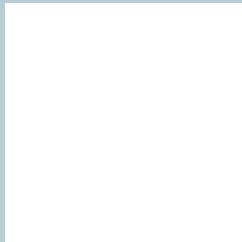
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5561, 0.2931, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 58.5561, 0.2931, 0.3217.



This preview shows how white text looks on a background with the Yxy color 58.5561, 0.2931, 0.3217.

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

58.5561, 0.2931, 0.3217

Protanopia

58.4192, 0.3085, 0.3196

Deuteranopia

58.2814, 0.3153, 0.3085



Tritanopia

58.7921, 0.2886, 0.3099

Trichromacy



Original Color

58.5561, 0.2931, 0.3217

Protanomaly

58.4466, 0.3025, 0.3206

Deuteranomaly

58.4377, 0.3072, 0.3138

Tritanomaly

58.5098, 0.2899, 0.3134

Monochromacy



Original Color

58.5561, 0.2931, 0.3217

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.5544, 0.3059, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5561, 0.2931, 0.3217 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, 205, 211)` looks like.

```
.text, #text, p{  
    color:rgb(184, 205, 211)  
}
```

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, 205, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 205, 211) }
```

Border

The CSS property to change the border of an element to Yxy 58.5561, 0.2931, 0.3217 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, 205, 211) }
```

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

```
.border{ border-color:rgb(184, 205, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 205, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 205, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 205, 211);  
box-shadow:4px 4px 4px 4px rgb(184, 205,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5561, 0.2931, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 205, 211) }
```

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

```
.background{ background-color: rgb(184,  
205, 211) }
```

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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