

Converting Colors

$Yxy(58.1187, 0.2896, 0.3218)$

Have a look what the booklet for
Yxy(58.1187, 0.2896, 0.3218)
contains.

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Color

Yxy(57.9495, 0.2896, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	B3CDD3
RGB	179, 205, 211
RGB Percent	70%, 80%, 83%
CMY	0.2979, 0.1961, 0.1726
CMYK	0.15, 0.03, 0.00, 0.17
HSL	191°, 27%, 76%
HSV	191°, 15%, 83%
XYZ	52.1834, 57.9495, 70.0584
YIQ	197.9100, -17.4220, -3.6460

Conversions

Conversions Part 2

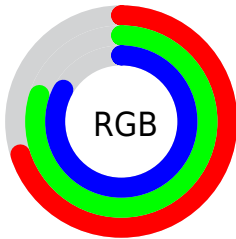
Format	Color
R_{YB}	179, 193, 211
Decimal	11783635
CIE _{Lab}	80.71, -7.44, -5.92
CIE _{LCh}	81, 9.506, 218.515
Yxy	57.9495, 0.2896, 0.3216
Android (android.graphics.Color)	4289973715 (0xFFB3CDD3)
YUV	197.9100, 6.4534, -16.5841
Hunter-Lab	76.1246, -10.8563, -1.2781

Details

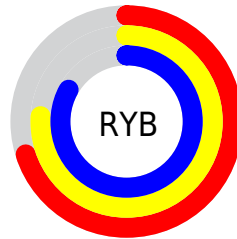
The Yxy color **57.9495, 0.2896, 0.3216** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.8118, 0.3398, 0.3363**, and the grayscale version is **56.3862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **29.0032, 0.2834, 0.3191** is the 20% darker color. If you saturate the color by 10%, you get **53.7572, 0.2749, 0.3162**, and if you desaturate by 10%, it is **62.5792, 0.3048, 0.3266**.

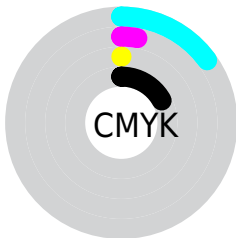
Distribution



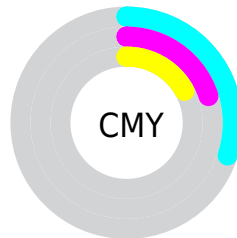
- Red (70%)
- Green (80%)
- Blue (83%)



- Red (70%)
- Yellow (76%)
- Blue (83%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (30%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9495, 0.2896, 0.3216 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 57.9495, 0.2896, 0.3216 by changing the saturation by 10% instead.

■ 57.9495, 0.2896,
0.3216

■ 57.9495, 0.2896,
0.3216

416.9977, 0.3007,
0.3253

■ 41.7680, 0.2870,
0.3207

■ 101.8493, 0.2935,
0.3229

■ 28.9197, 0.2837,
0.3195

130.3365, 0.2950,
0.3234

■ 19.0201, 0.2794,
0.3180

163.6943, 0.2963,
0.3238

■ 11.6848, 0.2737,
0.3159

202.3073, 0.2974,
0.3242

■ 6.5294, 0.2656,
0.3129

246.5597, 0.2984,
0.3245

■ 3.1696, 0.2534,
0.3080

296.8360, 0.2992,

■ 1.2209, 0.2327,

0.3248

0.2991

353.5205, 0.3000,
0.3251

0.0787, 0.0000,
0.1361

0.0000, 0.0000,
0.0000

57.9495, 0.2896,
0.3216

57.9495, 0.2896,
0.3216

53.7572, 0.2749,
0.3162

62.5792, 0.3048,
0.3266

49.9773, 0.2610,
0.3103

67.6557, 0.3202,
0.3311

46.5931, 0.2481,
0.3041

73.1972, 0.3355,
0.3352

43.5838, 0.2367,
0.2976

77.5853, 0.3444,
0.3390

■ 40.9265, 0.2270,
0.2909

■ 79.6977, 0.3437,
0.3430

■ 38.5954, 0.2191,
0.2841

■ 81.8597, 0.3430,
0.3469

■ 36.5607, 0.2132,
0.2772

■ 84.0716, 0.3424,
0.3508

■ 34.7861, 0.2091,
0.2705

■ 86.3337, 0.3417,
0.3547

■ 33.9873, 0.2076,
0.2672

■ 88.6464, 0.3411,
0.3585

Harmonies

Analogous

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



57.9495, 0.2955, 0.3329



57.9495, 0.2896, 0.3216



57.9495, 0.2898, 0.3127

Triad

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



57.9495, 0.2896, 0.3216



57.9495, 0.3193, 0.3154



57.9495, 0.3295, 0.3502

Complementary

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



57.9495, 0.2896, 0.3216



51.8118, 0.3398, 0.3363

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.



57.9495, 0.3361, 0.3449



57.9495, 0.2896, 0.3216



57.9495, 0.3302, 0.3249

Square

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



57.9495, 0.2896, 0.3216



57.9495, 0.3067, 0.3093



57.9495, 0.3364, 0.3357



57.9495, 0.3184, 0.3496

Rectangle

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



57.9495, 0.2896, 0.3216



57.9495, 0.2933, 0.3092



57.9495, 0.3364, 0.3357



57.9495, 0.3323, 0.3490

Sweetspot

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



57.9519, 0.2896, 0.3216



96.1452, 0.3049, 0.3267



59.6708, 0.3069, 0.3617



20.4661, 0.3039, 0.3263



0.0000, 0.0000, 0.0000



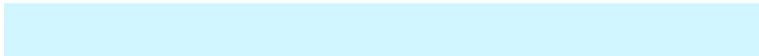
21.4041, 0.3127, 0.3290

Same Dimension

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



57.9519, 0.2896, 0.3216



86.9394, 0.2851, 0.3200



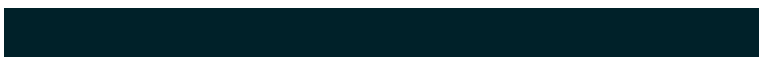
50.7500, 0.2889, 0.3017



13.0143, 0.2983, 0.3245



20.6538, 0.2079, 0.2683



1.2546, 0.2113, 0.2806

Inverse Universe

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



50.5073, 0.3192, 0.2986



73.5879, 0.3207, 0.2922



58.8173, 0.3370, 0.3549



11.9694, 0.3166, 0.3103



10.1563, 0.3745, 0.1837



0.5779, 0.3629, 0.1773

Previews

White Background



This preview shows how the Yxy color 57.9495, 0.2896, 0.3216 looks on a white background.

Color Contrast Check

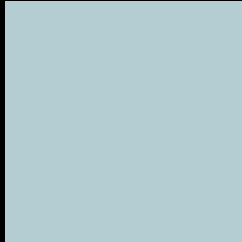
Large Text (above 18pt) WCAG AA × Fail

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 57.9495, 0.2896, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

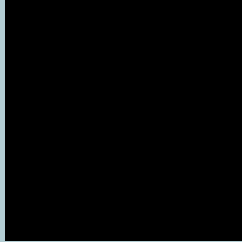
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

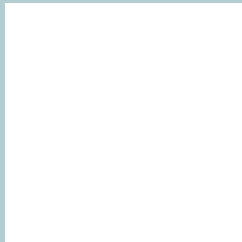
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9495, 0.2896, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 57.9495, 0.2896, 0.3216.



This preview shows how white text looks on a background with the Yxy color 57.9495, 0.2896, 0.3216.

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

57.9495, 0.2896, 0.3216

Protanopia

57.7693, 0.3085, 0.3195

Deuteranopia

57.5338, 0.3137, 0.3073



Tritanopia

58.1768, 0.2851, 0.3097

Trichromacy



Original Color

57.9495, 0.2896, 0.3216

Protanomaly

57.6648, 0.3017, 0.3206

Deuteranomaly

57.5591, 0.3050, 0.3125

Tritanomaly

57.8988, 0.2864, 0.3132

Monochromacy



Original Color

57.9495, 0.2896, 0.3216

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.1615, 0.3036, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9495, 0.2896, 0.3216 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(179, 205, 211)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 205, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 205, 211) }
```

Border

The CSS property to change the border of an element to Yxy 57.9495, 0.2896, 0.3216 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(179, 205, 211) }
```

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

```
.border{ border-color:rgb(179, 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(179, 205, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 205, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 205, 211);  
box-shadow:4px 4px 4px 4px rgb(179, 205,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9495, 0.2896, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 205, 211) }
```

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

```
.background{ background-color: rgb(179,  
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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