

Converting Colors

$Yxy(57.3408, 0.2789, 0.2971)$

Have a look what the booklet for
Yxy(57.3408, 0.2789, 0.2971)
contains.

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Color

Yxy(57.5458, 0.2793, 0.2979)

Conversions

Conversions Part 1

Format	Color
Hex	B4CAE4
RGB	180, 202, 228
RGB Percent	71%, 79%, 89%
CMY	0.2940, 0.2079, 0.1058
CMYK	0.21, 0.11, 0.00, 0.11
HSL	213°, 47%, 80%
HSV	213°, 21%, 89%
XYZ	53.9528, 57.5458, 81.6729
YIQ	198.3860, -21.4580, 3.4220

Conversions

Conversions Part 2

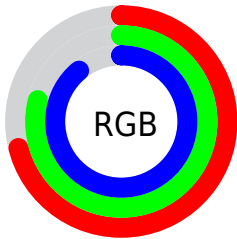
Format	Color
R _Y B	180, 195, 228
Decimal	11848420
CIE Lab	80.49, -1.89, -15.37
CIE LCh	80, 15.481, 262.984
Yxy	57.5458, 0.2793, 0.2979
Android (android.graphics.Color)	4290038500 (0xFFB4CAE4)
YUV	198.3860, 14.5997, -16.1245
Hunter-Lab	75.8589, -5.7994, -10.7328

Details

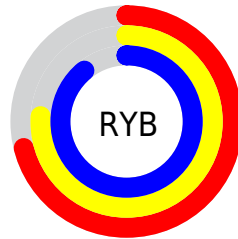
The Yxy color **57.5458, 0.2793, 0.2979** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.9596, 0.3491, 0.3582**, and the grayscale version is **56.6426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **28.7090, 0.2709, 0.2892** is the 20% darker color. If you saturate the color by 10%, you get **49.4609, 0.2626, 0.2806**, and if you desaturate by 10%, it is **66.5505, 0.2956, 0.3136**.

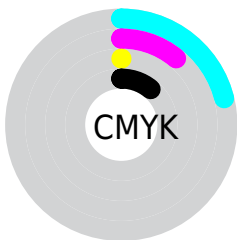
Distribution



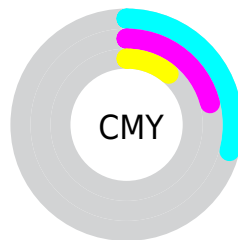
- Red (71%)
- Green (79%)
- Blue (89%)



- Red (71%)
- Yellow (76%)
- Blue (89%)



- Cyan (21%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5458, 0.2793, 0.2979 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 57.5458, 0.2793, 0.2979 by changing the saturation by 10% instead.

■ 57.5458, 0.2793,
0.2979

■ 57.5458, 0.2793,
0.2979

415.4914, 0.2953,
0.3129

■ 41.4436, 0.2755,
0.2943

■ 101.2611, 0.2849,
0.3032

■ 28.6659, 0.2708,
0.2899

129.6431, 0.2871,
0.3052

■ 18.8282, 0.2647,
0.2841

162.8871, 0.2890,
0.3070

■ 11.5462, 0.2566,
0.2764

201.3775, 0.2906,
0.3085

■ 6.4355, 0.2453,
0.2655

245.4987, 0.2920,
0.3098

■ 3.1117, 0.2283,
0.2491

295.6352, 0.2932,

■ 1.1903, 0.2007,

0.3109

0.2221

352.1713, 0.2943,
0.3119

0.0538, 0.0041,
0.0447

0.0000, 0.0000,
0.0000

57.5458, 0.2793,
0.2979

57.5458, 0.2793,
0.2979

49.4609, 0.2626,
0.2806

66.5505, 0.2956,
0.3136

42.2558, 0.2458,
0.2618

76.4988, 0.3111,
0.3276

35.8980, 0.2295,
0.2417

87.4225, 0.3259,
0.3401

30.3494, 0.2140,
0.2207

96.1391, 0.3289,
0.3518

■ 25.5688, 0.2001,
0.1994

■ 98.3823, 0.3286,
0.3552

■ 21.5099, 0.1883,
0.1784

■ 18.1192, 0.1790,
0.1583

■ 15.5787, 0.1727,
0.1416

Harmonies

Analogous

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



57.5458, 0.2742, 0.3088



57.5458, 0.2793, 0.2979



57.5458, 0.2931, 0.2953

Triad

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



57.5458, 0.2793, 0.2979



57.5458, 0.3475, 0.3305



57.5458, 0.3118, 0.3592

Complementary

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



57.5458, 0.2793, 0.2979



63.9596, 0.3491, 0.3582

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.



57.5458, 0.3318, 0.3647



57.5458, 0.2793, 0.2979



57.5458, 0.3528, 0.3473

Square

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



57.5458, 0.2793, 0.2979



57.5458, 0.3326, 0.3139



57.5458, 0.3469, 0.3600



57.5458, 0.2926, 0.3447

Rectangle

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



57.5458, 0.2793, 0.2979



57.5458, 0.3058, 0.2984



57.5458, 0.3469, 0.3600



57.5458, 0.3187, 0.3622

Sweetspot

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



57.5481, 0.2793, 0.2979



92.0332, 0.3035, 0.3208



69.6401, 0.2944, 0.3555



19.5191, 0.3024, 0.3199



0.0000, 0.0000, 0.0000



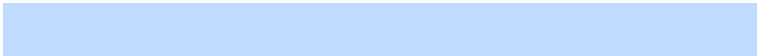
21.4041, 0.3127, 0.3290

Same Dimension

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



57.5481, 0.2793, 0.2979



69.7422, 0.2725, 0.2910



48.1569, 0.2786, 0.2709



14.9687, 0.2981, 0.3159



9.2253, 0.1735, 0.1444



0.8656, 0.1812, 0.1722

Inverse Universe

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



53.4151, 0.3362, 0.3044



63.8210, 0.3419, 0.2993



75.0279, 0.3432, 0.3816



14.4772, 0.3221, 0.3183



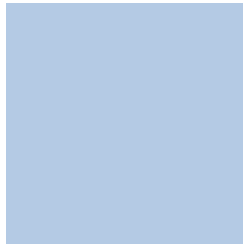
10.1290, 0.5132, 0.2601



0.7671, 0.4780, 0.2407

Previews

White Background



This preview shows how the Yxy color 57.5458, 0.2793, 0.2979 looks on a white background.

Color Contrast Check

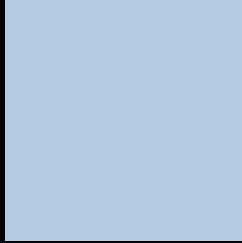
Large Text (above 18pt) WCAG AA × Fail

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 57.5458, 0.2793, 0.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

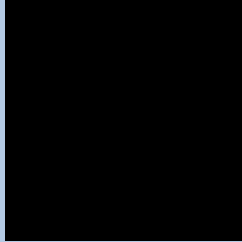
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

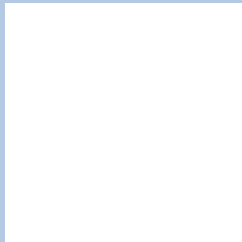
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.5458, 0.2793, 0.2979

Background



This preview shows how black text looks on a background with the Yxy color 57.5458, 0.2793, 0.2979.



This preview shows how white text looks on a background with the Yxy color 57.5458, 0.2793, 0.2979.

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

57.5458, 0.2793, 0.2979

Protanopia

57.4265, 0.2916, 0.2974

Deuteranopia

57.1341, 0.2947, 0.2879



Tritanopia

57.3442, 0.2830, 0.3083

Trichromacy



Original Color

57.5458, 0.2793, 0.2979

Protanomaly

57.2850, 0.2873, 0.2972

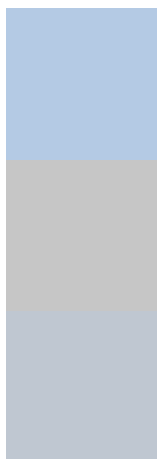
Deuteranomaly

57.1917, 0.2889, 0.2918

Tritanomaly

57.6233, 0.2818, 0.3049

Monochromacy



Original Color

57.5458, 0.2793, 0.2979

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.5267, 0.2995, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5458, 0.2793, 0.2979 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(180, 202, 228)` looks like.

```
.text, #text, p{  
    color:rgb(180, 202, 228)  
}
```

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(180, 202, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 202, 228) }
```

Border

The CSS property to change the border of an element to Yxy 57.5458, 0.2793, 0.2979 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(180, 202, 228) }
```

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

```
.border{ border-color:rgb(180, 202, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 202, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 202, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 202, 228);  
box-shadow:4px 4px 4px 4px rgb(180, 202,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5458, 0.2793, 0.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 202, 228) }
```

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

```
.background{ background-color: rgb(180,  
202, 228) }
```

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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