

Converting Colors

$Y_{xy}(58.7378, 0.2787, 0.3004)$

Have a look what the booklet for
Yxy(58.7378, 0.2787, 0.3004)
contains.

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Color

Yxy(58.9035, 0.2783, 0.3004)

Conversions

Conversions Part 1

Format	Color
Hex	B3CDE5
RGB	179, 205, 229
RGB Percent	70%, 80%, 90%
CMY	0.2979, 0.1961, 0.1020
CMYK	0.22, 0.10, 0.00, 0.10
HSL	209°, 49%, 80%
HSV	209°, 22%, 90%
XYZ	54.5701, 58.9035, 82.6100
YIQ	199.9620, -23.2000, 1.9520

Conversions

Conversions Part 2

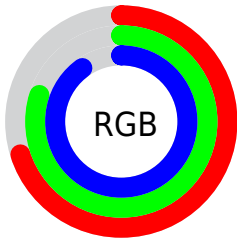
Format	Color
R _Y B	179, 196, 229
Decimal	11783653
CIE Lab	81.24, -3.56, -14.76
CIE LCh	81, 15.184, 256.426
Yxy	58.9035, 0.2783, 0.3004
Android (android.graphics.Color)	4289973733 (0xFFB3CDE5)
YUV	199.9620, 14.3157, -18.3837
Hunter-Lab	76.7486, -7.3924, -10.0940

Details

The Yxy color **58.9035, 0.2783, 0.3004** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6402, 0.3513, 0.3560**, and the grayscale version is **57.6605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **29.5492, 0.2689, 0.2925** is the 20% darker color. If you saturate the color by 10%, you get **51.3206, 0.2620, 0.2851**, and if you desaturate by 10%, it is **67.3143, 0.2944, 0.3143**.

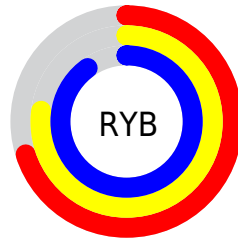
Distribution



Red (70%)

Green (80%)

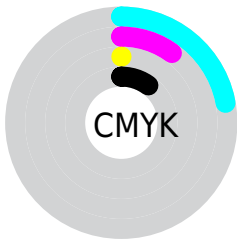
Blue (90%)



Red (70%)

Yellow (77%)

Blue (90%)

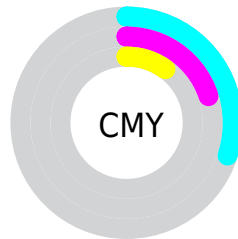


Cyan (22%)

Magenta (10%)

Yellow (0%)

Black (10%)



Cyan (30%)

Magenta (20%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9035, 0.2783, 0.3004 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 58.9035, 0.2783, 0.3004 by changing the saturation by 10% instead.

■ 58.9035, 0.2783,
0.3004

■ 58.9035, 0.2783,
0.3004

420.5442, 0.2947,
0.3142

■ 42.5354, 0.2745,
0.2971

■ 103.2374, 0.2841,
0.3053

■ 29.5208, 0.2697,
0.2930

131.9720, 0.2863,
0.3071

■ 19.4751, 0.2635,
0.2877

165.5976, 0.2882,
0.3087

■ 12.0141, 0.2553,
0.2806

204.4986, 0.2898,
0.3101

■ 6.7533, 0.2439,
0.2706

249.0594, 0.2913,
0.3113

■ 3.3083, 0.2270,
0.2555

299.6643, 0.2925,

■ 1.2947, 0.1997,

0.3124

0.2305

356.6978, 0.2937,
0.3133

0.1371, 0.0314,
0.0995

0.0000, 0.0000,
0.0000

58.9035, 0.2783,
0.3004

58.9035, 0.2783,
0.3004

51.3206, 0.2620,
0.2851

67.3143, 0.2944,
0.3143

44.5285, 0.2459,
0.2684

76.5738, 0.3100,
0.3269

38.4975, 0.2303,
0.2507

86.7112, 0.3249,
0.3380

33.1930, 0.2159,
0.2322

94.6640, 0.3286,
0.3485

■ 28.5768, 0.2030,
0.2133

■ 98.4363, 0.3280,
0.3542

■ 24.6059, 0.1922,
0.1945

■ 21.2301, 0.1837,
0.1763

■ 18.8472, 0.1784,
0.1621

Harmonies

Analogous

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



58.9035, 0.2754, 0.3126



58.9035, 0.2783, 0.3004



58.9035, 0.2901, 0.2960

Triad

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



58.9035, 0.2783, 0.3004



58.9035, 0.3441, 0.3268



58.9035, 0.3162, 0.3604

Complementary

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



58.9035, 0.2783, 0.3004



62.6402, 0.3513, 0.3560

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.



58.9035, 0.3350, 0.3636



58.9035, 0.2783, 0.3004



58.9035, 0.3515, 0.3434

Square

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



58.9035, 0.2783, 0.3004



58.9035, 0.3281, 0.3111



58.9035, 0.3481, 0.3570



58.9035, 0.2969, 0.3479

Rectangle

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



58.9035, 0.2783, 0.3004



58.9035, 0.3017, 0.2978



58.9035, 0.3481, 0.3570



58.9035, 0.3228, 0.3626

Sweetspot

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



58.9059, 0.2783, 0.3004



91.4210, 0.3019, 0.3205



69.9002, 0.2958, 0.3607



19.4150, 0.3009, 0.3197



0.0000, 0.0000, 0.0000



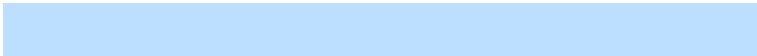
21.4041, 0.3127, 0.3290

Same Dimension

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



58.9059, 0.2783, 0.3004



70.8570, 0.2712, 0.2939



48.1752, 0.2761, 0.2703



15.1200, 0.2981, 0.3174



11.0202, 0.1791, 0.1648



1.0002, 0.1862, 0.1905

Inverse Universe

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



53.3214, 0.3346, 0.3001



62.8622, 0.3401, 0.2940



75.0255, 0.3459, 0.3816



14.4925, 0.3211, 0.3169



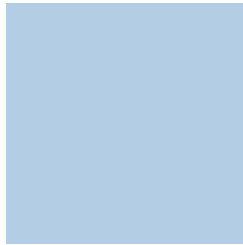
10.3102, 0.4871, 0.2457



0.7807, 0.4562, 0.2287

Previews

White Background



This preview shows how the Yxy color 58.9035, 0.2783, 0.3004 looks on a white background.

Color Contrast Check

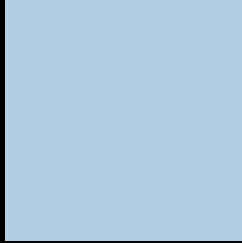
Large Text (above 18pt) WCAG AA × Fail

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 58.9035, 0.2783, 0.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

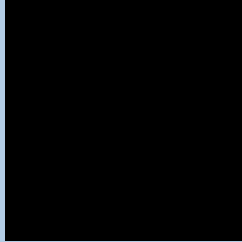
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

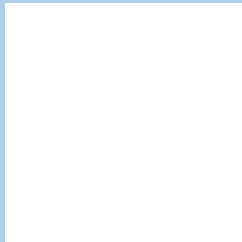
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.9035, 0.2783, 0.3004

Background



This preview shows how black text looks on a background with the Yxy color 58.9035, 0.2783, 0.3004.



This preview shows how white text looks on a background with the Yxy color 58.9035, 0.2783, 0.3004.

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

58.9035, 0.2783, 0.3004

Protanopia

58.8053, 0.2931, 0.2989

Deuteranopia

58.5148, 0.2963, 0.2895



Tritanopia

58.8815, 0.2820, 0.3097

Trichromacy



Original Color

58.9035, 0.2783, 0.3004

Protanomaly

58.8635, 0.2875, 0.2997

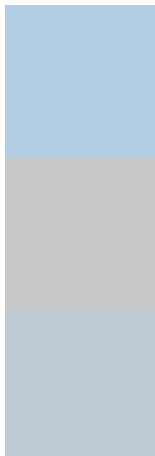
Deuteranomaly

58.4303, 0.2897, 0.2932

Tritanomaly

59.0438, 0.2801, 0.3062

Monochromacy



Original Color

58.9035, 0.2783, 0.3004

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.1507, 0.2989, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9035, 0.2783, 0.3004 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(179, 205, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 205, 229) }
```

Border

The CSS property to change the border of an element to Yxy 58.9035, 0.2783, 0.3004 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, 229) }
```

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

```
.border{ border-color:rgb(179, 205, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 205, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 205, 229);  
box-shadow:4px 4px 4px 4px rgb(179, 205,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9035, 0.2783, 0.3004 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, 229) }
```

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

```
.background{ background-color: rgb(179,  
205, 229) }
```

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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