

Converting Colors

$Yxy(59.7014, 0.2811, 0.3006)$

Have a look what the booklet for
Yxy(59.7014, 0.2811, 0.3006)
contains.

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Color

Yxy(59.5662, 0.2810, 0.2995)

Conversions

Conversions Part 1

Format	Color
Hex	B8CDE6
RGB	184, 205, 230
RGB Percent	72%, 80%, 90%
CMY	0.2784, 0.1961, 0.0979
CMYK	0.20, 0.11, 0.00, 0.10
HSL	213°, 48%, 81%
HSV	213°, 20%, 90%
XYZ	55.8868, 59.5662, 83.4325
YIQ	201.5710, -20.5410, 3.3230

Conversions

Conversions Part 2

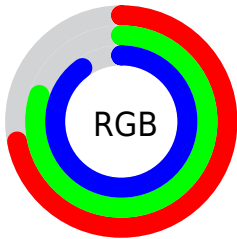
Format	Color
RYB	184, 198, 230
Decimal	12111334
CIELab	81.60, -1.81, -14.74
CIELCh	82, 14.848, 262.984
Yxy	59.5662, 0.2810, 0.2995
Android (android.graphics.Color)	4290301414 (0xFFB8CDE6)
YUV	201.5710, 14.0155, -15.4098
Hunter-Lab	77.1791, -5.8084, -10.0685

Details

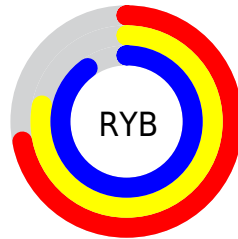
The Yxy color **59.5662, 0.2810, 0.2995** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9118, 0.3470, 0.3568**, and the grayscale version is **58.7060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **29.9350, 0.2731, 0.2929** is the 20% darker color. If you saturate the color by 10%, you get **51.2056, 0.2643, 0.2823**, and if you desaturate by 10%, it is **68.8723, 0.2972, 0.3151**.

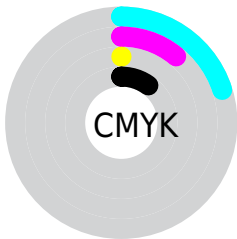
Distribution



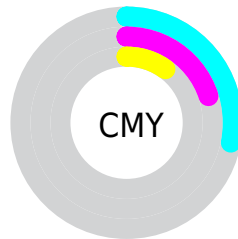
- Red (72%)
- Green (80%)
- Blue (90%)



- Red (72%)
- Yellow (78%)
- Blue (90%)



- Cyan (20%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (28%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5662, 0.2810, 0.2995 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 59.5662, 0.2810, 0.2995 by changing the saturation by 10% instead.

■ 59.5662, 0.2810,
0.2995

■ 59.5662, 0.2810,
0.2995

422.9969, 0.2961,
0.3136

■ 43.0691, 0.2775,
0.2962

■ 104.2001, 0.2863,
0.3045

■ 29.9393, 0.2730,
0.2920

133.1057, 0.2884,
0.3064

■ 19.7925, 0.2674,
0.2866

166.9163, 0.2901,
0.3080

■ 12.2443, 0.2598,
0.2794

206.0161, 0.2916,
0.3095

■ 6.9103, 0.2493,
0.2694

250.7898, 0.2929,
0.3107

■ 3.4061, 0.2337,
0.2543

301.6215, 0.2941,

■ 1.3472, 0.2085,

0.3118

0.2297

358.8958, 0.2952,
0.3127

■ 0.1773, 0.0802,
0.1145

■ 0.0000, 0.0000,
0.0000

■ 59.5662, 0.2810,
0.2995

■ 59.5662, 0.2810,
0.2995

■ 51.2056, 0.2643,
0.2823

■ 68.8723, 0.2972,
0.3151

■ 43.7499, 0.2475,
0.2636

■ 79.1483, 0.3127,
0.3290

■ 37.1658, 0.2310,
0.2435

■ 90.4264, 0.3273,
0.3414

■ 31.4147, 0.2154,
0.2225

■ 98.4946, 0.3274,
0.3532

■ 26.4548, 0.2013,
0.2011

■ 22.2392, 0.1893,
0.1800

■ 18.7141, 0.1797,
0.1597

■ 15.7962, 0.1725,
0.1410

Harmonies

Analogous

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



59.5662, 0.2762, 0.3099



59.5662, 0.2810, 0.2995



59.5662, 0.2942, 0.2970

Triad

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



59.5662, 0.2810, 0.2995



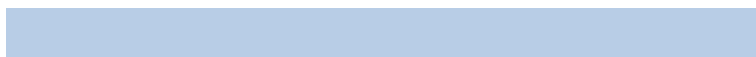
59.5662, 0.3457, 0.3304



59.5662, 0.3119, 0.3576

Complementary

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



59.5662, 0.2810, 0.2995



65.9118, 0.3470, 0.3568

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.



59.5662, 0.3308, 0.3628



59.5662, 0.2810, 0.2995



59.5662, 0.3507, 0.3464

Square

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



59.5662, 0.2810, 0.2995



59.5662, 0.3316, 0.3146



59.5662, 0.3451, 0.3584



59.5662, 0.2937, 0.3439

Rectangle

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



59.5662, 0.2810, 0.2995



59.5662, 0.3061, 0.2999



59.5662, 0.3451, 0.3584



59.5662, 0.3184, 0.3604

Sweetspot

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



59.5686, 0.2810, 0.2995



92.0169, 0.3035, 0.3208



71.3817, 0.2953, 0.3541



19.5153, 0.3024, 0.3199



0.0000, 0.0000, 0.0000



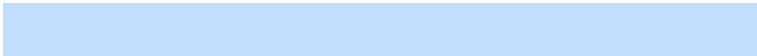
21.4041, 0.3127, 0.3290

Same Dimension

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



59.5686, 0.2810, 0.2995



70.7504, 0.2741, 0.2926



50.3859, 0.2805, 0.2741



14.9644, 0.2981, 0.3159



9.1787, 0.1733, 0.1438



0.8621, 0.1810, 0.1717

Inverse Universe

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



55.5231, 0.3348, 0.3058



65.0129, 0.3406, 0.3007



76.6437, 0.3417, 0.3789



14.4768, 0.3221, 0.3183



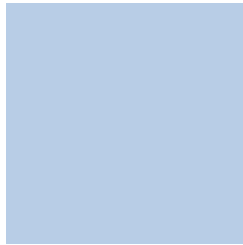
10.1243, 0.5140, 0.2605



0.7667, 0.4786, 0.2410

Previews

White Background



This preview shows how the Yxy color 59.5662, 0.2810, 0.2995 looks on a white background.

Color Contrast Check

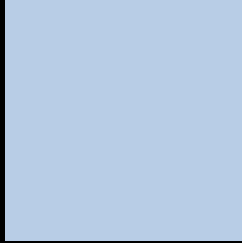
Large Text (above 18pt) WCAG AA × Fail

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 59.5662, 0.2810, 0.2995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

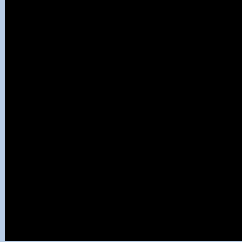
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

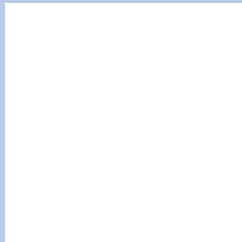
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5662, 0.2810, 0.2995

Background



This preview shows how black text looks on a background with the Yxy color 59.5662, 0.2810, 0.2995.



This preview shows how white text looks on a background with the Yxy color 59.5662, 0.2810, 0.2995.

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

59.5662, 0.2810, 0.2995

Protanopia

59.4615, 0.2932, 0.2990

Deuteranopia

59.1686, 0.2964, 0.2896



Tritanopia

59.5376, 0.2848, 0.3087

Trichromacy



Original Color

59.5662, 0.2810, 0.2995

Protanomaly

59.3118, 0.2890, 0.2988

Deuteranomaly

59.2202, 0.2906, 0.2935

Tritanomaly

59.7009, 0.2829, 0.3052

Monochromacy



Original Color

59.5662, 0.2810, 0.2995

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.0674, 0.3004, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5662, 0.2810, 0.2995 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(184, 205, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 205, 230) }
```

Border

The CSS property to change the border of an element to Yxy 59.5662, 0.2810, 0.2995 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, 230) }
```

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

```
.border{ border-color:rgb(184, 205, 230) }
```

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, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 205, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 205, 230);  
box-shadow:4px 4px 4px 4px rgb(184, 205,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5662, 0.2810, 0.2995 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, 230) }
```

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

```
.background{ background-color: rgb(184,  
205, 230) }
```

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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