

Converting Colors

$Yxy(59.5418, 0.2822, 0.3051)$

Have a look what the booklet for
Yxy(59.5418, 0.2822, 0.3051)
contains.

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Color

Yxy(59.5787, 0.2822, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	B6CEE2
RGB	182, 206, 226
RGB Percent	71%, 81%, 89%
CMY	0.2863, 0.1921, 0.1137
CMYK	0.19, 0.09, 0.00, 0.11
HSL	207°, 43%, 80%
HSV	207°, 19%, 89%
XYZ	55.0888, 59.5787, 80.5445
YIQ	201.1040, -20.7240, 1.1320

Conversions

Conversions Part 2

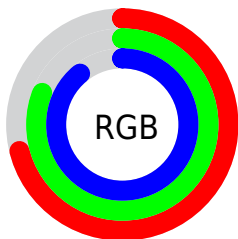
Format	Color
R_{YB}	182, 198, 226
Decimal	11980514
CIE _{Lab}	81.61, -3.85, -12.59
CIE _{LCh}	82, 13.163, 253.010
Yxy	59.5787, 0.2822, 0.3052
Android (android.graphics.Color)	4290170594 (0xFFB6CEE2)
YUV	201.1040, 12.2737, -16.7542
Hunter-Lab	77.1872, -7.6815, -7.8377

Details

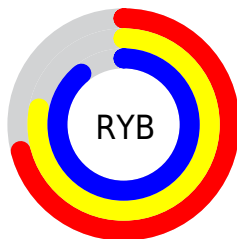
The Yxy color **59.5787, 0.2822, 0.3052** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7810, 0.3468, 0.3517**, and the grayscale version is **58.4095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **30.0639, 0.2748, 0.2989** is the 20% darker color. If you saturate the color by 10%, you get **52.2643, 0.2661, 0.2911**, and if you desaturate by 10%, it is **67.6650, 0.2981, 0.3180**.

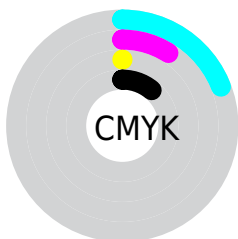
Distribution



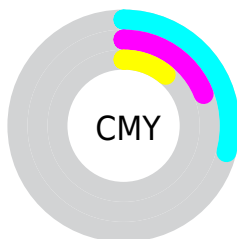
- Red (71%)
- Green (81%)
- Blue (89%)



- Red (71%)
- Yellow (78%)
- Blue (89%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5787, 0.2822, 0.3052 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 59.5787, 0.2822, 0.3052 by changing the saturation by 10% instead.

■ 59.5787, 0.2822,
0.3052

■ 59.5787, 0.2822,
0.3052

423.0431, 0.2967,
0.3167

■ 43.0791, 0.2788,
0.3025

■ 104.2183, 0.2873,
0.3093

■ 29.9472, 0.2745,
0.2990

133.1271, 0.2893,
0.3108

■ 19.7985, 0.2691,
0.2946

166.9411, 0.2910,
0.3121

■ 12.2487, 0.2618,
0.2886

206.0447, 0.2924,
0.3133

■ 6.9133, 0.2516,
0.2802

250.8223, 0.2937,
0.3143

■ 3.4079, 0.2366,
0.2675

301.6584, 0.2948,

■ 1.3482, 0.2120,

0.3152

0.2462

358.9372, 0.2958,
0.3160

0.1781, 0.0566,
0.1337

0.0000, 0.0000,
0.0000

59.5787, 0.2822,
0.3052

59.5787, 0.2822,
0.3052

52.2643, 0.2661,
0.2911

67.6650, 0.2981,
0.3180

45.6871, 0.2502,
0.2757

76.5417, 0.3135,
0.3296

39.8203, 0.2348,
0.2592

86.2356, 0.3283,
0.3398

34.6321, 0.2204,
0.2419

93.3200, 0.3307,
0.3497

■ 30.0878, 0.2075,
0.2242

■ 98.2708, 0.3298,
0.3572

■ 26.1484, 0.1965,
0.2063

■ 22.7688, 0.1878,
0.1889

■ 19.8794, 0.1812,
0.1721

■ 19.7356, 0.1809,
0.1712

Harmonies

Analogous

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



59.5787, 0.2807, 0.3165



59.5787, 0.2822, 0.3052



59.5787, 0.2917, 0.3005

Triad

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



59.5787, 0.2822, 0.3052



59.5787, 0.3385, 0.3255



59.5787, 0.3178, 0.3567

Complementary

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



59.5787, 0.2822, 0.3052



61.7810, 0.3468, 0.3517

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.



59.5787, 0.3337, 0.3586



59.5787, 0.2822, 0.3052



59.5787, 0.3459, 0.3400

Square

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



59.5787, 0.2822, 0.3052



59.5787, 0.3241, 0.3122



59.5787, 0.3440, 0.3522



59.5787, 0.3009, 0.3468

Rectangle

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



59.5787, 0.2822, 0.3052



59.5787, 0.3014, 0.3014



59.5787, 0.3440, 0.3522



59.5787, 0.3234, 0.3583

Sweetspot

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



59.5811, 0.2822, 0.3052



92.8575, 0.3034, 0.3221



68.5903, 0.2980, 0.3578



19.7139, 0.3024, 0.3214



0.0000, 0.0000, 0.0000



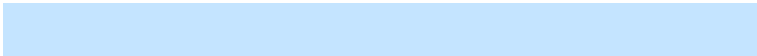
21.4041, 0.3127, 0.3290

Same Dimension

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



59.5811, 0.2822, 0.3052



74.6840, 0.2763, 0.3001



49.7987, 0.2806, 0.2783



14.4766, 0.2981, 0.3181



11.5000, 0.1816, 0.1738



0.9754, 0.1888, 0.1998

Inverse Universe

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



54.0796, 0.3309, 0.3021



66.5190, 0.3351, 0.2967



72.7476, 0.3424, 0.3751



13.8250, 0.3207, 0.3163



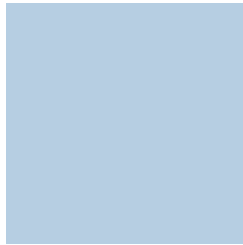
10.0690, 0.4760, 0.2396



0.7159, 0.4455, 0.2228

Previews

White Background



This preview shows how the Yxy color 59.5787, 0.2822, 0.3052 looks on a white background.

Color Contrast Check

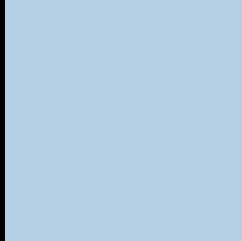
Large Text (above 18pt) WCAG AA × Fail

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 59.5787, 0.2822, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

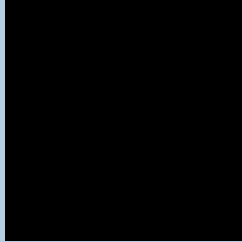
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

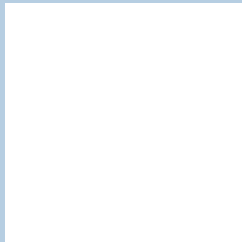
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5787, 0.2822, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 59.5787, 0.2822, 0.3052.



This preview shows how white text looks on a background with the Yxy color 59.5787, 0.2822, 0.3052.

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

59.5787, 0.2822, 0.3052

Protanopia

59.3804, 0.2966, 0.3035

Deuteranopia

59.2356, 0.3006, 0.2941



Tritanopia

59.7771, 0.2835, 0.3098

Trichromacy



Original Color

59.5787, 0.2822, 0.3052

Protanomaly

59.4311, 0.2909, 0.3044

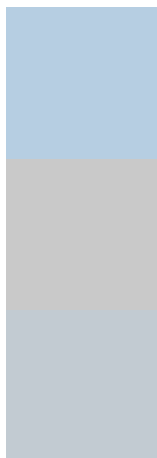
Deuteranomaly

59.1340, 0.2939, 0.2979

Tritanomaly

59.8312, 0.2828, 0.3087

Monochromacy



Original Color

59.5787, 0.2822, 0.3052

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.8343, 0.3010, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5787, 0.2822, 0.3052 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(182, 206, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 206, 226)  
}
```

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(182, 206, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 206, 226) }
```

Border

The CSS property to change the border of an element to Yxy 59.5787, 0.2822, 0.3052 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(182, 206, 226) }
```

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

```
.border{ border-color:rgb(182, 206, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 206, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 206, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 206, 226);  
box-shadow:4px 4px 4px 4px rgb(182, 206,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5787, 0.2822, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 206, 226) }
```

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

```
.background{ background-color: rgb(182,  
206, 226) }
```

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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