

Converting Colors

$Yxy(58.6135, 0.2818, 0.2882)$

Have a look what the booklet for
Yxy(58.6135, 0.2818, 0.2882)
contains.

Yxy(58.4410, 0.2817, 0.2874)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.4410, 0.2817, 0.2874)

Conversions

Conversions Part 1

Format	Color
Hex	BFC8EC
RGB	191, 200, 236
RGB Percent	75%, 78%, 93%
CMY	0.2509, 0.2157, 0.0745
CMYK	0.19, 0.15, 0.00, 0.07
HSL	228°, 54%, 84%
HSV	228°, 19%, 93%
XYZ	57.2819, 58.4410, 87.6208
YIQ	201.4130, -16.9200, 9.2880

Conversions

Conversions Part 2

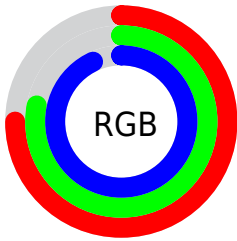
Format	Color
R _Y B	191, 199, 236
Decimal	12568812
CIE Lab	80.98, 4.31, -18.82
CIE LCh	81, 19.303, 282.899
Yxy	58.4410, 0.2817, 0.2874
Android (android.graphics.Color)	4290758892 (0xFFBFC8EC)
YUV	201.4130, 17.0514, -9.1322
Hunter-Lab	76.4467, -0.0307, -14.4436

Details

The Yxy color **58.4410, 0.2817, 0.2874** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.5399, 0.3431, 0.3674**, and the grayscale version is **58.5803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **29.1714, 0.2738, 0.2770** is the 20% darker color. If you saturate the color by 10%, you get **47.4125, 0.2634, 0.2618**, and if you desaturate by 10%, it is **71.0476, 0.2986, 0.3104**.

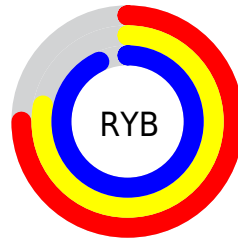
Distribution



Red (75%)

Green (78%)

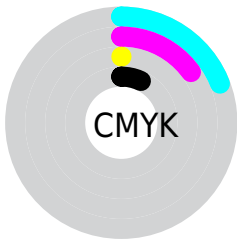
Blue (93%)



Red (75%)

Yellow (78%)

Blue (93%)

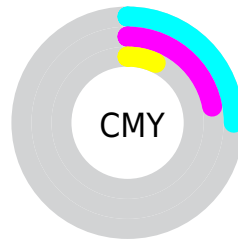


Cyan (19%)

Magenta (15%)

Yellow (0%)

Black (7%)



Cyan (25%)

Magenta (22%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4410, 0.2817, 0.2874 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 58.4410, 0.2817, 0.2874 by changing the saturation by 10% instead.

■ 58.4410, 0.2817,
0.2874

■ 58.4410, 0.2817,
0.2874

418.8272, 0.2966,
0.3071

■ 42.1633, 0.2782,
0.2828

■ 102.5648, 0.2870,
0.2943

■ 29.2292, 0.2738,
0.2771

131.1796, 0.2890,
0.2970

■ 19.2543, 0.2681,
0.2698

164.6757, 0.2907,
0.2992

■ 11.8541, 0.2606,
0.2602

203.4373, 0.2922,
0.3012

■ 6.6444, 0.2500,
0.2469

247.8488, 0.2935,
0.3030

■ 3.2407, 0.2343,
0.2275

298.2947, 0.2946,

■ 1.2587, 0.2088,

0.3045

0.1970

355.1594, 0.2957,
0.3058

0.1089, 0.1139,
0.0594

0.0000, 0.0000,
0.0000

58.4410, 0.2817,
0.2874

58.4410, 0.2817,
0.2874

47.4125, 0.2634,
0.2618

71.0476, 0.2986,
0.3104

37.8921, 0.2442,
0.2338

85.2842, 0.3141,
0.3308

29.8152, 0.2246,
0.2042

98.8364, 0.3238,
0.3473

23.1094, 0.2056,
0.1740

■ 17.6960, 0.1881,
0.1447

■ 13.4878, 0.1735,
0.1181

■ 10.3859, 0.1625,
0.0958

■ 8.2619, 0.1555,
0.0790

■ 8.1032, 0.1549,
0.0777

Harmonies

Analogous

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



58.4410, 0.2681, 0.2939



58.4410, 0.2817, 0.2874



58.4410, 0.3039, 0.2914

Triad

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



58.4410, 0.2817, 0.2874



58.4410, 0.3619, 0.3446



58.4410, 0.2952, 0.3556

Complementary

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



58.4410, 0.2817, 0.2874



76.5399, 0.3431, 0.3674

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.



58.4410, 0.3200, 0.3705



58.4410, 0.2817, 0.2874



58.4410, 0.3591, 0.3628

Square

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



58.4410, 0.2817, 0.2874



58.4410, 0.3509, 0.3235



58.4410, 0.3435, 0.3728



58.4410, 0.2757, 0.3330

Rectangle

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



58.4410, 0.2817, 0.2874



58.4410, 0.3209, 0.2992



58.4410, 0.3435, 0.3728



58.4410, 0.3032, 0.3618

Sweetspot

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



58.4434, 0.2817, 0.2874



89.6493, 0.3035, 0.3169



76.6175, 0.2892, 0.3390



18.9567, 0.3025, 0.3155



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.



58.4434, 0.2817, 0.2874



64.1500, 0.2745, 0.2774



56.2308, 0.2909, 0.2782



15.0364, 0.2980, 0.3096



4.6114, 0.1555, 0.0798



0.4947, 0.1622, 0.1040

Inverse Universe

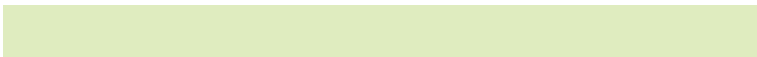
The Inverse Universe completely reimagines the original color for something new.



59.2692, 0.3429, 0.3193



65.4556, 0.3510, 0.3171



79.3653, 0.3318, 0.3780



15.1033, 0.3261, 0.3243



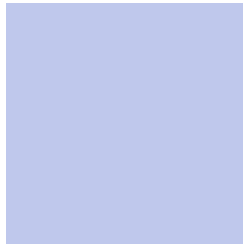
9.9583, 0.6072, 0.3119



0.7954, 0.5698, 0.2913

Previews

White Background



This preview shows how the Yxy color 58.4410, 0.2817, 0.2874 looks on a white background.

Color Contrast Check

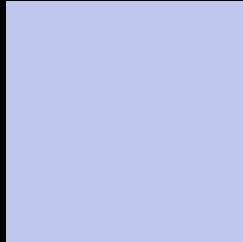
Large Text (above 18pt) WCAG AA × Fail

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 58.4410, 0.2817, 0.2874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

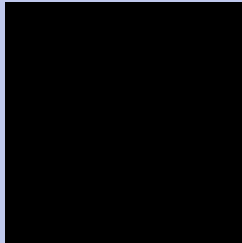
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4410, 0.2817, 0.2874

Background



This preview shows how black text looks on a background with the Yxy color 58.4410, 0.2817, 0.2874.

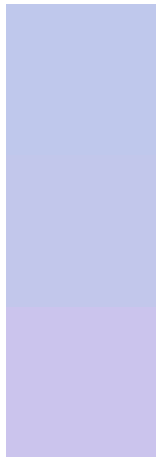


This preview shows how white text looks on a background with the Yxy color 58.4410, 0.2817, 0.2874.

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

58.4410, 0.2817, 0.2874

Protanopia

58.3143, 0.2844, 0.2876

Deuteranopia

58.2908, 0.2893, 0.2827



Tritanopia

58.5177, 0.2907, 0.3099

Trichromacy



Original Color

58.4410, 0.2817, 0.2874

Protanomaly

58.1825, 0.2837, 0.2875

Deuteranomaly

58.1890, 0.2865, 0.2835

Tritanomaly

58.4961, 0.2874, 0.3019

Monochromacy



Original Color

58.4410, 0.2817, 0.2874

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.4986, 0.3005, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4410, 0.2817, 0.2874 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(191, 200, 236)` looks like.

```
.text, #text, p{  
    color:rgb(191, 200, 236)  
}
```

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(191, 200, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 200, 236) }
```

Border

The CSS property to change the border of an element to Yxy 58.4410, 0.2817, 0.2874 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(191, 200, 236) }
```

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

```
.border{ border-color:rgb(191, 200, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 200, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 200, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 200, 236);  
box-shadow:4px 4px 4px 4px rgb(191, 200,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4410, 0.2817, 0.2874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 200, 236) }
```

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

```
.background{ background-color: rgb(191,  
200, 236) }
```

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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