

Converting Colors

$Yxy(58.5364, 0.2918, 0.2968)$

Have a look what the booklet for
Yxy(58.5364, 0.2918, 0.2968)
contains.

Yxy(58.2632, 0.2917, 0.2965)	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(58.2632, 0.2917, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	C5C7E3
RGB	197, 199, 227
RGB Percent	77%, 78%, 89%
CMY	0.2274, 0.2196, 0.1097
CMYK	0.13, 0.12, 0.00, 0.11
HSL	236°, 35%, 83%
HSV	236°, 13%, 89%
XYZ	57.3200, 58.2632, 80.9200
YIQ	201.5940, -10.1800, 8.2840

Conversions

Conversions Part 2

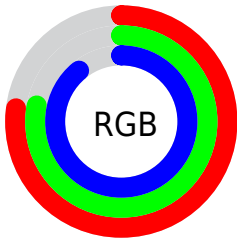
Format	Color
R_{YB}	197, 199, 227
Decimal	12961763
CIE _{Lab}	80.88, 4.83, -14.12
CIE _{LCh}	81, 14.919, 288.877
Yxy	58.2632, 0.2917, 0.2965
Android (android.graphics.Color)	4291151843 (0xFFC5C7E3)
YUV	201.5940, 12.5252, -4.0289
Hunter-Lab	76.3303, 0.4658, -9.4238

Details

The Yxy color **58.2632, 0.2917, 0.2965** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.2438, 0.3327, 0.3596**, and the grayscale version is **58.7252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **29.0690, 0.2859, 0.2876** is the 20% darker color. If you saturate the color by 10%, you get **46.3416, 0.2736, 0.2682**, and if you desaturate by 10%, it is **72.0105, 0.3079, 0.3216**.

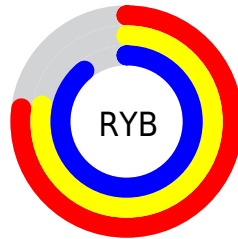
Distribution



Red (77%)

Green (78%)

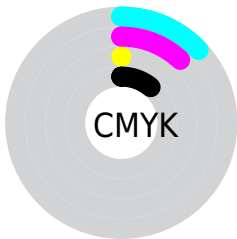
Blue (89%)



Red (77%)

Yellow (78%)

Blue (89%)

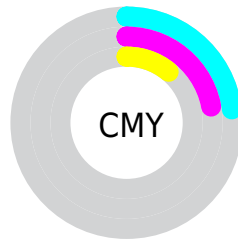


Cyan (13%)

Magenta (12%)

Yellow (0%)

Black (11%)



Cyan (23%)

Magenta (22%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2632, 0.2917, 0.2965 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 58.2632, 0.2917, 0.2965 by changing the saturation by 10% instead.

■ 58.2632, 0.2917,
0.2965

■ 58.2632, 0.2917,
0.2965

418.1660, 0.3018,
0.3119

■ 42.0203, 0.2893,
0.2929

102.3060, 0.2953,
0.3019

■ 29.1172, 0.2862,
0.2884

130.8748, 0.2967,
0.3040

■ 19.1695, 0.2823,
0.2826

164.3208, 0.2978,
0.3058

■ 11.7928, 0.2770,
0.2749

203.0287, 0.2989,
0.3073

■ 6.6028, 0.2695,
0.2642

247.3828, 0.2997,
0.3087

■ 3.2149, 0.2582,
0.2484

297.7674, 0.3005,

■ 1.2449, 0.2392,

0.3099

0.2226

354.5670, 0.3012,
0.3110

0.0980, 0.1498,
0.0696

0.0000, 0.0000,
0.0000

58.2632, 0.2917,
0.2965

58.2632, 0.2917,
0.2965

46.3416, 0.2736,
0.2682

72.0105, 0.3079,
0.3216

36.1619, 0.2539,
0.2371

87.6481, 0.3222,
0.3435

27.6447, 0.2332,
0.2038

98.3278, 0.3291,
0.3562

20.7016, 0.2123,
0.1698

■ 15.2359, 0.1925,
0.1371

■ 11.1403, 0.1754,
0.1080

■ 8.2929, 0.1623,
0.0850

■ 6.5501, 0.1540,
0.0695

■ 5.8898, 0.1509,
0.0633

Harmonies

Analogous

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



58.2632, 0.2794, 0.3001



58.2632, 0.2917, 0.2965



58.2632, 0.3099, 0.3011

Triad

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



58.2632, 0.2917, 0.2965



58.2632, 0.3511, 0.3445



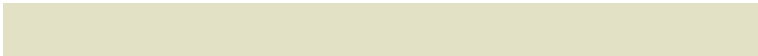
58.2632, 0.2958, 0.3463

Complementary

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



58.2632, 0.2917, 0.2965



74.2438, 0.3327, 0.3596

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.



58.2632, 0.3146, 0.3592



58.2632, 0.2917, 0.2965



58.2632, 0.3469, 0.3575

Square

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



58.2632, 0.2917, 0.2965



58.2632, 0.3446, 0.3282



58.2632, 0.3334, 0.3632



58.2632, 0.2817, 0.3286

Rectangle

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



58.2632, 0.2917, 0.2965



58.2632, 0.3231, 0.3081



58.2632, 0.3334, 0.3632



58.2632, 0.3017, 0.3514

Sweetspot

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



58.2656, 0.2917, 0.2965



92.1887, 0.3067, 0.3197



72.2656, 0.2938, 0.3312



19.4273, 0.3055, 0.3179



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.



58.2656, 0.2917, 0.2965



71.1192, 0.2867, 0.2887



59.1909, 0.3013, 0.2951



14.0393, 0.2980, 0.3063



3.4926, 0.1512, 0.0643



0.3122, 0.1545, 0.0761

Inverse Universe

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



60.3978, 0.3353, 0.3269



74.4589, 0.3412, 0.3264



73.2871, 0.3231, 0.3626



14.3834, 0.3282, 0.3275



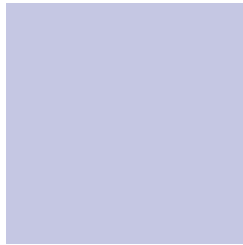
9.5503, 0.6328, 0.3260



0.7112, 0.6133, 0.3152

Previews

White Background



This preview shows how the Yxy color 58.2632, 0.2917, 0.2965 looks on a white background.

Color Contrast Check

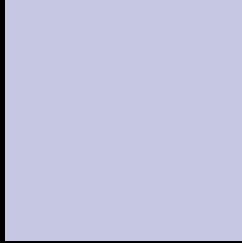
Large Text (above 18pt) WCAG AA × Fail

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 58.2632, 0.2917, 0.2965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

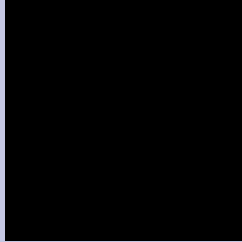
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2632, 0.2917, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 58.2632, 0.2917, 0.2965.



This preview shows how white text looks on a background with the Yxy color 58.2632, 0.2917, 0.2965.

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

58.2632, 0.2917, 0.2965

Protanopia

58.1287, 0.2910, 0.2965

Deuteranopia

58.3467, 0.2984, 0.2927



Tritanopia

58.3851, 0.2970, 0.3101

Trichromacy



Original Color

58.2632, 0.2917, 0.2965

Protanomaly

58.1287, 0.2910, 0.2965

Deuteranomaly

58.2305, 0.2954, 0.2935

Tritanomaly

58.2648, 0.2950, 0.3044

Monochromacy



Original Color

58.2632, 0.2917, 0.2965

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.7558, 0.3049, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2632, 0.2917, 0.2965 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(197, 199, 227)` looks like.

```
.text, #text, p{  
    color:rgb(197, 199, 227)  
}
```

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(197, 199, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 199, 227) }
```

Border

The CSS property to change the border of an element to Yxy 58.2632, 0.2917, 0.2965 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(197, 199, 227) }
```

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

```
.border{ border-color:rgb(197, 199, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 199, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 199, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 199, 227); box-shadow:4px 4px 4px 4px rgb(197, 199, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2632, 0.2917, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 199, 227) }
```

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

```
.background{ background-color: rgb(197,  
199, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor