

Converting Colors

Yxy(59.7318, 0.2863, 0.3009)

Have a look what the booklet for
Yxy(59.7318, 0.2863, 0.3009)
contains.

Yxy(59.7343, 0.2863, 0.3009)	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(59.7343, 0.2863, 0.3009)

Conversions

Conversions Part 1

Format	Color
Hex	BECCE4
RGB	190, 204, 228
RGB Percent	75%, 80%, 89%
CMY	0.2549, 0.2000, 0.1058
CMYK	0.17, 0.11, 0.00, 0.11
HSL	218°, 41%, 82%
HSV	218°, 17%, 89%
XYZ	56.8359, 59.7343, 81.9486
YIQ	202.5500, -16.0480, 4.4960

Conversions

Conversions Part 2

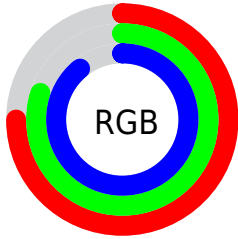
Format	Color
R _Y B	190, 200, 228
Decimal	12504292
CIE Lab	81.69, 0.15, -13.49
CIE LCh	82, 13.488, 270.633
Yxy	59.7343, 0.2863, 0.3009
Android (android.graphics.Color)	4290694372 (0xFFBECCE4)
YUV	202.5500, 12.5469, -11.0063
Hunter-Lab	77.2880, -3.9888, -8.7637

Details

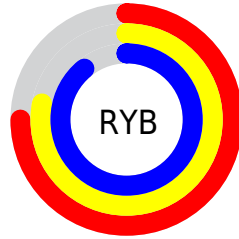
The Yxy color **59.7343, 0.2863, 0.3009** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3273, 0.3401, 0.3556**, and the grayscale version is **59.3548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **30.0641, 0.2791, 0.2933** is the 20% darker color. If you saturate the color by 10%, you get **50.4895, 0.2693, 0.2814**, and if you desaturate by 10%, it is **70.0773, 0.3025, 0.3184**.

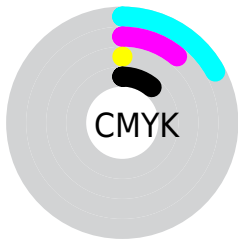
Distribution



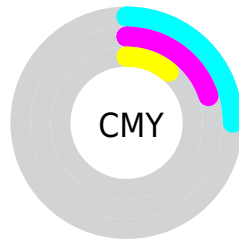
- Red (75%)
- Green (80%)
- Blue (89%)



- Red (75%)
- Yellow (78%)
- Blue (89%)



- Cyan (17%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (25%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7343, 0.2863, 0.3009 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 59.7343, 0.2863, 0.3009 by changing the saturation by 10% instead.

■ 59.7343, 0.2863,
0.3009

■ 59.7343, 0.2863,
0.3009

423.6177, 0.2989,
0.3143

■ 43.2045, 0.2833,
0.2977

■ 104.4441, 0.2907,
0.3056

■ 30.0456, 0.2796,
0.2938

133.3930, 0.2924,
0.3074

■ 19.8732, 0.2748,
0.2887

167.2503, 0.2939,
0.3090

■ 12.3029, 0.2685,
0.2820

206.4005, 0.2952,
0.3103

■ 6.9503, 0.2596,
0.2725

251.2279, 0.2963,
0.3115

■ 3.4311, 0.2463,
0.2584

302.1170, 0.2973,

■ 1.3607, 0.2244,

0.3126

0.2353

359.4521, 0.2981,
0.3135

0.1875, 0.1190,
0.1227

0.0000, 0.0000,
0.0000

59.7343, 0.2863,
0.3009

59.7343, 0.2863,
0.3009

50.4895, 0.2693,
0.2814

70.0773, 0.3025,
0.3184

42.2972, 0.2517,
0.2600

81.5475, 0.3176,
0.3340

35.1189, 0.2341,
0.2370

93.5276, 0.3294,
0.3478

28.9108, 0.2169,
0.2129

98.3827, 0.3285,
0.3552

■ 23.6256, 0.2010,
0.1882

■ 19.2111, 0.1871,
0.1641

■ 15.6085, 0.1758,
0.1413

■ 12.7475, 0.1675,
0.1210

■ 11.9287, 0.1652,
0.1148

Harmonies

Analogous

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



59.7343, 0.2798, 0.3087



59.7343, 0.2863, 0.3009



59.7343, 0.2999, 0.3005

Triad

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



59.7343, 0.2863, 0.3009



59.7343, 0.3446, 0.3342



59.7343, 0.3076, 0.3523

Complementary

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



59.7343, 0.2863, 0.3009



68.3273, 0.3401, 0.3556

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.



59.7343, 0.3250, 0.3592



59.7343, 0.2863, 0.3009



59.7343, 0.3467, 0.3481

Square

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



59.7343, 0.2863, 0.3009



59.7343, 0.3337, 0.3194



59.7343, 0.3394, 0.3575



59.7343, 0.2918, 0.3386

Rectangle

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



59.7343, 0.2863, 0.3009



59.7343, 0.3113, 0.3043



59.7343, 0.3394, 0.3575



59.7343, 0.3134, 0.3555

Sweetspot

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



59.7368, 0.2863, 0.3009



92.6273, 0.3050, 0.3211



71.2751, 0.2962, 0.3458



19.6107, 0.3039, 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.



59.7368, 0.2863, 0.3009



72.7080, 0.2805, 0.2944



53.9636, 0.2888, 0.2845



14.7513, 0.2981, 0.3137



7.0939, 0.1660, 0.1176



0.6969, 0.1741, 0.1468

Inverse Universe

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



57.6896, 0.3332, 0.3135



69.7609, 0.3383, 0.3101



74.9990, 0.3345, 0.3708



14.4552, 0.3235, 0.3204



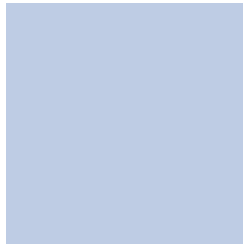
9.9138, 0.5501, 0.2804



0.7500, 0.5101, 0.2583

Previews

White Background



This preview shows how the Yxy color 59.7343, 0.2863, 0.3009 looks on a white background.

Color Contrast Check

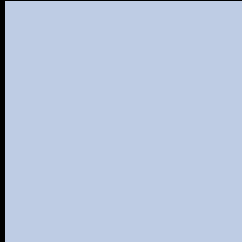
Large Text (above 18pt) WCAG AA × Fail

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 59.7343, 0.2863, 0.3009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

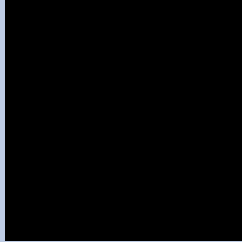
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

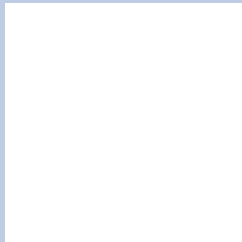
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7343, 0.2863, 0.3009

Background



This preview shows how black text looks on a background with the Yxy color 59.7343, 0.2863, 0.3009.

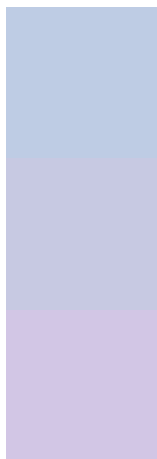


This preview shows how white text looks on a background with the Yxy color 59.7343, 0.2863, 0.3009.

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

59.7343, 0.2863, 0.3009

Protanopia

59.4064, 0.2939, 0.3001

Deuteranopia

59.7469, 0.2999, 0.2942



Tritanopia

59.7019, 0.2901, 0.3100

Trichromacy



Original Color

59.7343, 0.2863, 0.3009

Protanomaly

59.5229, 0.2911, 0.3000

Deuteranomaly

59.6622, 0.2948, 0.2959

Tritanomaly

59.8633, 0.2882, 0.3066

Monochromacy



Original Color

59.7343, 0.2863, 0.3009

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.4711, 0.3026, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7343, 0.2863, 0.3009 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(190, 204, 228)` looks like.

```
.text, #text, p{  
    color:rgb(190, 204, 228)  
}
```

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(190, 204, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 204, 228) }
```

Border

The CSS property to change the border of an element to Yxy 59.7343, 0.2863, 0.3009 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(190, 204, 228) }
```

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

```
.border{ border-color:rgb(190, 204, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 204, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 204, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 204, 228);  
box-shadow:4px 4px 4px 4px rgb(190, 204,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7343, 0.2863, 0.3009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 204, 228) }
```

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

```
.background{ background-color: rgb(190,  
204, 228) }
```

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