

Converting Colors

Yxy(59.8217, 0.2861, 0.2850)

Have a look what the booklet for
Yxy(59.8217, 0.2861, 0.2850)
contains.

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Color

Yxy(59.8199, 0.2861, 0.2850)

Conversions

Conversions Part 1

Format	Color
Hex	C8C8EF
RGB	200, 200, 239
RGB Percent	78%, 78%, 94%
CMY	0.2157, 0.2157, 0.0628
CMYK	0.16, 0.16, 0.00, 0.06
HSL	240°, 55%, 86%
HSV	240°, 16%, 94%
XYZ	60.0508, 59.8199, 90.0237
YIQ	204.4460, -12.5190, 12.1290

Conversions

Conversions Part 2

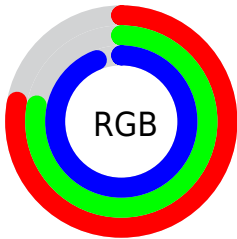
Format	Color
R _{YB}	200, 200, 239
Decimal	13158639
CIE Lab	81.74, 7.75, -19.20
CIE LCh	82, 20.700, 291.973
Yxy	59.8199, 0.2861, 0.2850
Android (android.graphics.Color)	4291348719 (0xFFC8C8EF)
YUV	204.4460, 17.0351, -3.8991
Hunter-Lab	77.3433, 3.2399, -14.8702

Details

The Yxy color $59.8199, 0.2861, 0.2850$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $84.2332, 0.3372, 0.3695$, and the grayscale version is $60.5774, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.0877, 0.2795, 0.2741$ is the 20% darker color. If you saturate the color by 10%, you get $46.5680, 0.2671, 0.2535$, and if you desaturate by 10%, it is $75.3206, 0.3031, 0.3131$.

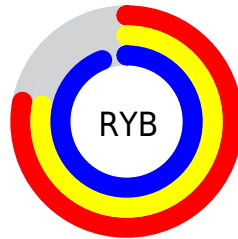
Distribution



Red (78%)

Green (78%)

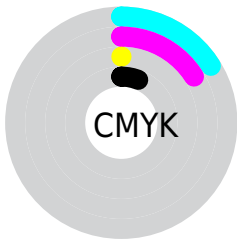
Blue (94%)



Red (78%)

Yellow (78%)

Blue (94%)

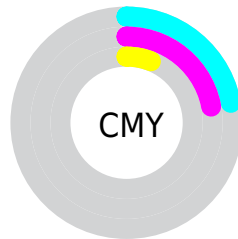


Cyan (16%)

Magenta (16%)

Yellow (0%)

Black (6%)



Cyan (22%)

Magenta (22%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8199, 0.2861, 0.2850 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 59.8199, 0.2861, 0.2850 by changing the saturation by 10% instead.

■ 59.8199, 0.2861,
0.2850

■ 59.8199, 0.2861,
0.2850

423.9336, 0.2989,
0.3056

■ 43.2735, 0.2831,
0.2803

104.5684, 0.2906,
0.2922

■ 30.0998, 0.2793,
0.2744

133.5392, 0.2924,
0.2950

■ 19.9143, 0.2744,
0.2669

167.4203, 0.2938,
0.2974

■ 12.3328, 0.2679,
0.2571

206.5961, 0.2951,
0.2994

■ 6.9707, 0.2587,
0.2437

251.4509, 0.2962,
0.3013

■ 3.4438, 0.2452,
0.2243

302.3692, 0.2972,

■ 1.3676, 0.2231,

0.3029

0.1944

359.7353, 0.2981,
0.3043

0.1927, 0.1659,
0.0859

0.0000, 0.0000,
0.0000

59.8199, 0.2861,
0.2850

59.8199, 0.2861,
0.2850

46.5680, 0.2671,
0.2535

75.3206, 0.3031,
0.3131

35.4535, 0.2464,
0.2193

93.1599, 0.3180,
0.3377

26.3669, 0.2247,
0.1835

99.0106, 0.3220,
0.3444

19.1857, 0.2033,
0.1482

■ 13.7745, 0.1839,
0.1160

■ 9.9801, 0.1680,
0.0897

■ 7.6230, 0.1570,
0.0715

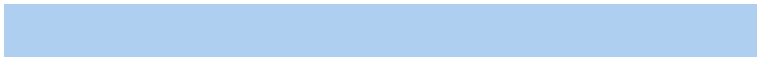
■ 6.4797, 0.1513,
0.0621

■ 6.2313, 0.1500,
0.0600

Harmonies

Analogous

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



59.8199, 0.2685, 0.2884



59.8199, 0.2861, 0.2850



59.8199, 0.3114, 0.2924

Triad

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



59.8199, 0.2861, 0.2850



59.8199, 0.3658, 0.3519



59.8199, 0.2869, 0.3506

Complementary

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



59.8199, 0.2861, 0.2850



84.2332, 0.3372, 0.3695

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.



59.8199, 0.3122, 0.3698



59.8199, 0.2861, 0.2850



59.8199, 0.3583, 0.3693

Square

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



59.8199, 0.2861, 0.2850



59.8199, 0.3583, 0.3298



59.8199, 0.3384, 0.3764



59.8199, 0.2690, 0.3255

Rectangle

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



59.8199, 0.2861, 0.2850



59.8199, 0.3295, 0.3023



59.8199, 0.3384, 0.3764



59.8199, 0.2948, 0.3581

Sweetspot

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



59.8224, 0.2861, 0.2850



89.7957, 0.3051, 0.3165



80.1913, 0.2884, 0.3296



18.9249, 0.3040, 0.3146



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.



59.8224, 0.2861, 0.2850



63.2463, 0.2792, 0.2735



62.5755, 0.2996, 0.2867



15.2291, 0.2979, 0.3046



3.4445, 0.1500, 0.0600



0.2867, 0.1500, 0.0600

Inverse Universe

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



63.8268, 0.3437, 0.3291



68.8057, 0.3527, 0.3291



81.1269, 0.3242, 0.3712



15.7589, 0.3293, 0.3290



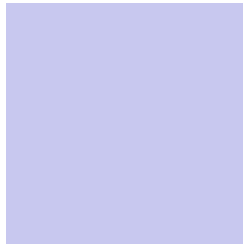
10.1411, 0.6401, 0.3300



0.8437, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 59.8199, 0.2861, 0.2850 looks on a white background.

Color Contrast Check

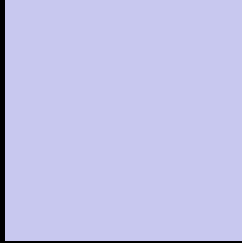
Large Text (above 18pt) WCAG AA × Fail

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 59.8199, 0.2861, 0.2850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

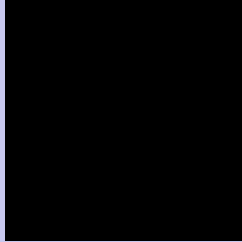
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8199, 0.2861, 0.2850

Background



This preview shows how black text looks on a background with the Yxy color 59.8199, 0.2861, 0.2850.



This preview shows how white text looks on a background with the Yxy color 59.8199, 0.2861, 0.2850.

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

59.8199, 0.2861, 0.2850

Protanopia

59.6667, 0.2820, 0.2846

Deuteranopia

59.5993, 0.2895, 0.2831



Tritanopia

59.6967, 0.2971, 0.3103

Trichromacy



Original Color

59.8199, 0.2861, 0.2850

Protanomaly

59.9349, 0.2834, 0.2848

Deuteranomaly

59.7754, 0.2882, 0.2841

Tritanomaly

59.7378, 0.2932, 0.3013

Monochromacy



Original Color

59.8199, 0.2861, 0.2850

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4181, 0.3029, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8199, 0.2861, 0.2850 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(200, 200, 239)` looks like.

```
.text, #text, p{  
    color:rgb(200, 200, 239)  
}
```

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(200, 200, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 200, 239) }
```

Border

The CSS property to change the border of an element to Yxy 59.8199, 0.2861, 0.2850 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(200, 200, 239) }
```

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

```
.border{ border-color:rgb(200, 200, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 200, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 200, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 200, 239);  
box-shadow:4px 4px 4px 4px rgb(200, 200,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8199, 0.2861, 0.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 200, 239) }
```

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

```
.background{ background-color: rgb(200,  
200, 239) }
```

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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