

Converting Colors

$Yxy(59.5934, 0.2775, 0.2940)$

Have a look what the booklet for
Yxy(59.5934, 0.2775, 0.2940)
contains.

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Color

Yxy(59.7281, 0.2773, 0.2939)

Conversions

Conversions Part 1

Format	Color
Hex	B7CDEB
RGB	183, 205, 235
RGB Percent	72%, 80%, 92%
CMY	0.2823, 0.1961, 0.0785
CMYK	0.22, 0.13, 0.00, 0.08
HSL	215°, 56%, 82%
HSV	215°, 22%, 92%
XYZ	56.3545, 59.7281, 87.1433
YIQ	201.8420, -22.7420, 4.6660

Conversions

Conversions Part 2

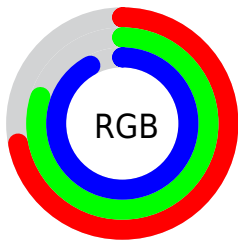
Format	Color
R_{YB}	183, 198, 235
Decimal	12045803
CIE _{Lab}	81.69, -1.03, -17.26
CIE _{LCh}	82, 17.289, 266.588
Yxy	59.7281, 0.2773, 0.2939
Android (android.graphics.Color)	4290235883 (0xFFB7CDEB)
YUV	201.8420, 16.3469, -16.5244
Hunter-Lab	77.2840, -5.0868, -12.7550

Details

The Yxy color **59.7281, 0.2773, 0.2939** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.6626, 0.3509, 0.3617**, and the grayscale version is **58.8678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **30.0550, 0.2684, 0.2855** is the 20% darker color. If you saturate the color by 10%, you get **50.8787, 0.2603, 0.2752**, and if you desaturate by 10%, it is **69.6252, 0.2938, 0.3108**.

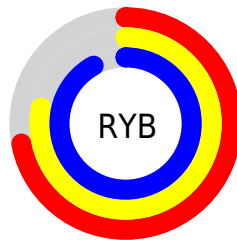
Distribution



Red (72%)

Green (80%)

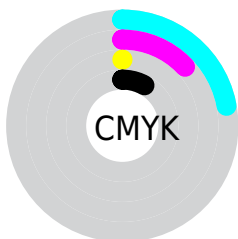
Blue (92%)



Red (72%)

Yellow (78%)

Blue (92%)

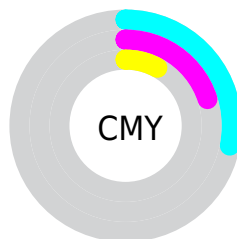


Cyan (22%)

Magenta (13%)

Yellow (0%)

Black (8%)



Cyan (28%)

Magenta (20%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7281, 0.2773, 0.2939 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 59.7281, 0.2773, 0.2939 by changing the saturation by 10% instead.

■ 59.7281, 0.2773,
0.2939

■ 59.7281, 0.2773,
0.2939

423.5948, 0.2941,
0.3106

■ 43.1995, 0.2734,
0.2900

■ 104.4351, 0.2832,
0.2998

■ 30.0417, 0.2685,
0.2851

133.3824, 0.2855,
0.3021

■ 19.8702, 0.2622,
0.2788

167.2380, 0.2874,
0.3040

■ 12.3008, 0.2538,
0.2704

206.3863, 0.2891,
0.3057

■ 6.9488, 0.2423,
0.2588

251.2117, 0.2906,
0.3071

■ 3.4301, 0.2253,
0.2416

302.0987, 0.2919,

■ 1.3602, 0.1981,

0.3084

0.2139

359.4316, 0.2931,
0.3096

0.1871, 0.0838,
0.1027

0.0000, 0.0000,
0.0000

59.7281, 0.2773,
0.2939

59.7281, 0.2773,
0.2939

50.8787, 0.2603,
0.2752

69.6252, 0.2938,
0.3108

43.0318, 0.2432,
0.2549

80.5985, 0.3095,
0.3260

36.1489, 0.2264,
0.2333

92.6846, 0.3243,
0.3395

30.1864, 0.2106,
0.2109

98.7773, 0.3244,
0.3483

■ 25.0961, 0.1964,
0.1882

■ 20.8245, 0.1844,
0.1662

■ 17.3093, 0.1752,
0.1455

■ 15.0045, 0.1696,
0.1305

Harmonies

Analogous

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



59.7281, 0.2705, 0.3048



59.7281, 0.2773, 0.2939



59.7281, 0.2934, 0.2923

Triad

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



59.7281, 0.2773, 0.2939



59.7281, 0.3525, 0.3328



59.7281, 0.3090, 0.3609

Complementary

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



59.7281, 0.2773, 0.2939



68.6626, 0.3509, 0.3617

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.



59.7281, 0.3312, 0.3684



59.7281, 0.2773, 0.2939



59.7281, 0.3568, 0.3510

Square

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



59.7281, 0.2773, 0.2939



59.7281, 0.3371, 0.3144



59.7281, 0.3488, 0.3643



59.7281, 0.2884, 0.3440

Rectangle

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



59.7281, 0.2773, 0.2939



59.7281, 0.3077, 0.2964



59.7281, 0.3488, 0.3643



59.7281, 0.3165, 0.3647

Sweetspot

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



59.7305, 0.2773, 0.2939



90.3760, 0.3019, 0.3188



74.2533, 0.2925, 0.3551



19.1731, 0.3009, 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.



59.7305, 0.2773, 0.2939



66.4243, 0.2688, 0.2848



50.3670, 0.2778, 0.2676



15.5967, 0.2980, 0.3150



8.5924, 0.1704, 0.1334



0.8615, 0.1779, 0.1605

Inverse Universe

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



55.9387, 0.3392, 0.3050



61.3620, 0.3469, 0.2992



79.9029, 0.3436, 0.3846



15.1598, 0.3226, 0.3191



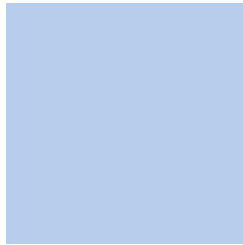
10.3602, 0.5279, 0.2682



0.8324, 0.4925, 0.2486

Previews

White Background



This preview shows how the Yxy color 59.7281, 0.2773, 0.2939 looks on a white background.

Color Contrast Check

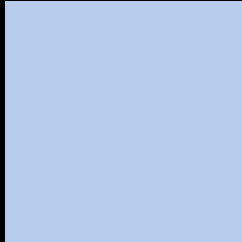
Large Text (above 18pt) WCAG AA × Fail

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 59.7281, 0.2773, 0.2939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

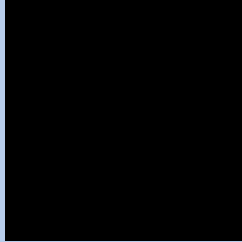
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

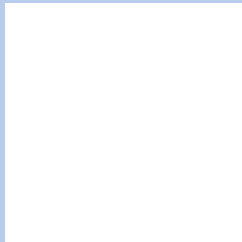
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7281, 0.2773, 0.2939

Background



This preview shows how black text looks on a background with the Yxy color 59.7281, 0.2773, 0.2939.



This preview shows how white text looks on a background with the Yxy color 59.7281, 0.2773, 0.2939.

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

59.7281, 0.2773, 0.2939

Protanopia

59.4698, 0.2885, 0.2934

Deuteranopia

59.5661, 0.2922, 0.2864



Tritanopia

59.7771, 0.2835, 0.3098

Trichromacy



Original Color

59.7281, 0.2773, 0.2939

Protanomaly

59.3307, 0.2844, 0.2931

Deuteranomaly

59.8352, 0.2866, 0.2892

Tritanomaly

59.6337, 0.2816, 0.3040

Monochromacy



Original Color

59.7281, 0.2773, 0.2939

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.1690, 0.2991, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7281, 0.2773, 0.2939 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(183, 205, 235)` looks like.

```
.text, #text, p{  
    color:rgb(183, 205, 235)  
}
```

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(183, 205, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 205, 235) }
```

Border

The CSS property to change the border of an element to Yxy 59.7281, 0.2773, 0.2939 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(183, 205, 235) }
```

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

```
.border{ border-color:rgb(183, 205, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 205, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 205, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 205, 235);  
box-shadow:4px 4px 4px 4px rgb(183, 205,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7281, 0.2773, 0.2939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 205, 235) }
```

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

```
.background{ background-color: rgb(183,  
205, 235) }
```

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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