

Converting Colors

$Yxy(59.9122, 0.2631, 0.2792)$

Have a look what the booklet for
Yxy(59.9122, 0.2631, 0.2792)
contains.

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Color

Yxy(59.8664, 0.2630, 0.2791)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | ADCEF9 |
| RGB | 173, 206, 249 |
| RGB Percent | 68%, 81%, 98% |
| CMY | 0.3214, 0.1922, 0.0235 |
| CMYK | 0.31, 0.17, 0.00, 0.02 |
| HSL | 214°, 86%, 83% |
| HSV | 214°, 31%, 98% |
| XYZ | 56.4130, 59.8664, 98.2186 |
| YIQ | 201.0350, -33.4710, 6.3770 |

Conversions

Conversions Part 2

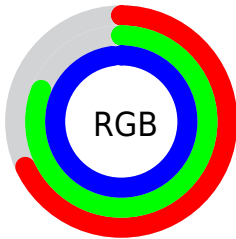
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 173, 196, 249 |
| Decimal | 11390713 |
| CIE Lab | 81.77, -1.21, -24.68 |
| CIE LCh | 82, 24.713, 267.197 |
| Yxy | 59.8664, 0.2630, 0.2791 |
| Android (android.graphics.Color) | 4289580793 (0xFFADCEF9) |
| YUV | 201.0350, 23.6467, -24.5867 |
| Hunter-Lab | 77.3734, -5.2590, -21.1020 |

Details

The Yxy color **59.8664, 0.2630, 0.2791** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.3114, 0.3684, 0.3741**, and the grayscale version is **58.3042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **30.1842, 0.2515, 0.2677** is the 20% darker color. If you saturate the color by 10%, you get **50.8003, 0.2459, 0.2594**, and if you desaturate by 10%, it is **70.0756, 0.2799, 0.2972**.

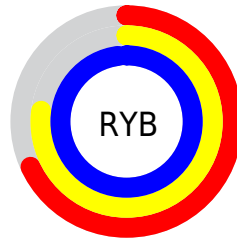
Distribution



Red (68%)

Green (81%)

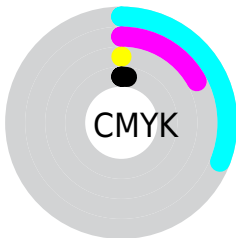
Blue (98%)



Red (68%)

Yellow (77%)

Blue (98%)

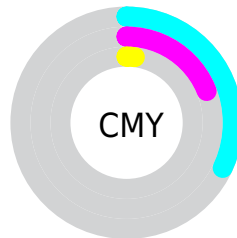


Cyan (31%)

Magenta (17%)

Yellow (0%)

Black (2%)



Cyan (32%)

Magenta (19%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8664, 0.2630, 0.2791 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 59.8664, 0.2630, 0.2791 by changing the saturation by 10% instead.

■ 59.8664, 0.2630,
0.2791

■ 59.8664, 0.2630,
0.2791

424.1052, 0.2864,
0.3027

■ 43.3110, 0.2576,
0.2736

■ 104.6358, 0.2712,
0.2874

■ 30.1292, 0.2509,
0.2668

133.6186, 0.2744,
0.2906

■ 19.9367, 0.2423,
0.2582

167.5127, 0.2771,
0.2933

■ 12.3490, 0.2312,
0.2468

206.7023, 0.2794,
0.2957

■ 6.9818, 0.2159,
0.2312

251.5720, 0.2815,
0.2978

■ 3.4507, 0.1942,
0.2090

302.5061, 0.2833,

■ 1.3713, 0.1614,

0.2996

0.1750

359.8890, 0.2850,
0.3012

0.1955, 0.0589,
0.0736

0.0000, 0.0000,
0.0000

59.8664, 0.2630,
0.2791

59.8664, 0.2630,
0.2791

50.8003, 0.2459,
0.2594

70.0756, 0.2799,
0.2972

42.8249, 0.2291,
0.2383

81.4633, 0.2963,
0.3136

35.8935, 0.2132,
0.2162

94.0720, 0.3119,
0.3283

29.9528, 0.1989,
0.1939

99.6207, 0.3162,
0.3347

■ 24.9431, 0.1867,
0.1720

■ 20.7958, 0.1771,
0.1512

■ 17.5629, 0.1703,
0.1332

Harmonies

Analogous

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



59.8664, 0.2533, 0.2936



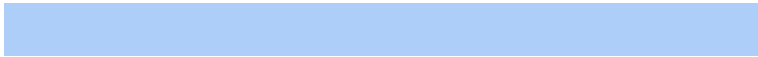
59.8664, 0.2630, 0.2791



59.8664, 0.2857, 0.2776

Triad

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



59.8664, 0.2630, 0.2791



59.8664, 0.3701, 0.3343



59.8664, 0.3063, 0.3751

Complementary

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



59.8664, 0.2630, 0.2791



72.3114, 0.3684, 0.3741

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.



59.8664, 0.3380, 0.3858



59.8664, 0.2630, 0.2791



59.8664, 0.3758, 0.3600

Square

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



59.8664, 0.2630, 0.2791



59.8664, 0.3480, 0.3087



59.8664, 0.3637, 0.3794



59.8664, 0.2774, 0.3498

Rectangle

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



59.8664, 0.2630, 0.2791



59.8664, 0.3059, 0.2836



59.8664, 0.3637, 0.3794



59.8664, 0.3170, 0.3806

Sweetspot

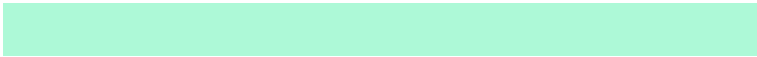
The Sweet Spot groups the original color and five complimentary colors.



59.8688, 0.2630, 0.2791



87.8897, 0.2987, 0.3159



81.5499, 0.2861, 0.3682



18.4143, 0.2964, 0.3137



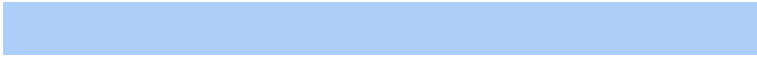
0.0000, 0.0000, 0.0000



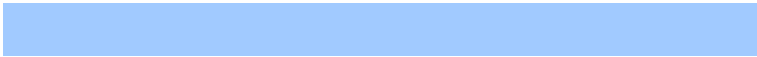
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.8688, 0.2630, 0.2791



56.7978, 0.2518, 0.2664



46.0746, 0.2610, 0.2398



17.8811, 0.2979, 0.3152



9.6700, 0.1712, 0.1361



1.1020, 0.1776, 0.1592

Inverse Universe

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



54.5039, 0.3520, 0.2944



50.8712, 0.3637, 0.2867



90.2337, 0.3563, 0.4061



17.3502, 0.3226, 0.3188



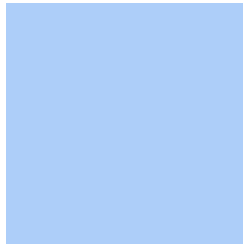
11.3871, 0.5243, 0.2662



1.0755, 0.4941, 0.2496

Previews

White Background



This preview shows how the Yxy color 59.8664, 0.2630, 0.2791 looks on a white background.

Color Contrast Check

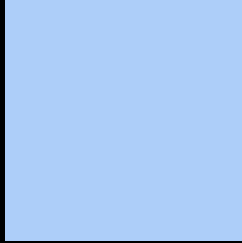
Large Text (above 18pt) WCAG AA × Fail

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 59.8664, 0.2630, 0.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

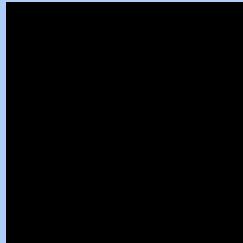
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

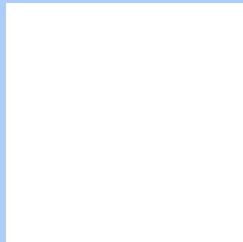
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8664, 0.2630, 0.2791

Background



This preview shows how black text looks on a background with the Yxy color 59.8664, 0.2630, 0.2791.



This preview shows how white text looks on a background with the Yxy color 59.8664, 0.2630, 0.2791.

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

59.8664, 0.2630, 0.2791

Protanopia

59.7646, 0.2770, 0.2781

Deuteranopia

59.8176, 0.2772, 0.2712



Tritanopia

59.9641, 0.2728, 0.3083

Trichromacy



Original Color

59.8664, 0.2630, 0.2791

Protanomaly

59.8664, 0.2719, 0.2788

Deuteranomaly

59.9620, 0.2720, 0.2748

Tritanomaly

60.1451, 0.2694, 0.2980

Monochromacy



Original Color

59.8664, 0.2630, 0.2791

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.8502, 0.2935, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8664, 0.2630, 0.2791 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(173, 206, 249)` looks like.

```
.text, #text, p{  
    color:rgb(173, 206, 249)  
}
```

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(173, 206, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 206, 249) }
```

Border

The CSS property to change the border of an element to Yxy 59.8664, 0.2630, 0.2791 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(173, 206, 249) }
```

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

```
.border{ border-color:rgb(173, 206, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 206, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 206, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 206, 249);  
box-shadow:4px 4px 4px 4px rgb(173, 206,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8664, 0.2630, 0.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 206, 249) }
```

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

```
.background{ background-color: rgb(173,  
206, 249) }
```

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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