

Converting Colors

$Yxy(59.1445, 0.2750, 0.2983)$

Have a look what the booklet for
Yxy(59.1445, 0.2750, 0.2983)
contains.

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Color

Yxy(59.1989, 0.2746, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	B0CEE8
RGB	176, 206, 232
RGB Percent	69%, 81%, 91%
CMY	0.3096, 0.1922, 0.0901
CMYK	0.24, 0.11, 0.00, 0.09
HSL	208°, 55%, 80%
HSV	208°, 24%, 91%
XYZ	54.5504, 59.1989, 84.9047
YIQ	199.9940, -26.2260, 1.7260

Conversions

Conversions Part 2

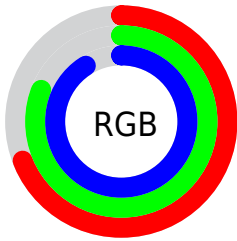
Format	Color
R _Y B	176, 196, 232
Decimal	11587304
CIE Lab	81.40, -4.31, -16.15
CIE LCh	81, 16.719, 255.051
Yxy	59.1989, 0.2746, 0.2980
Android (android.graphics.Color)	4289777384 (0xFFB0CEE8)
YUV	199.9940, 15.7790, -21.0427
Hunter-Lab	76.9408, -8.0914, -11.5684

Details

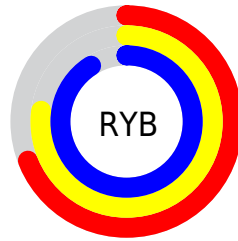
The Yxy color **59.1989, 0.2746, 0.2980** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.5690, 0.3563, 0.3581**, and the grayscale version is **57.6746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **29.7286, 0.2651, 0.2909** is the 20% darker color. If you saturate the color by 10%, you get **51.7059, 0.2584, 0.2829**, and if you desaturate by 10%, it is **67.5154, 0.2907, 0.3118**.

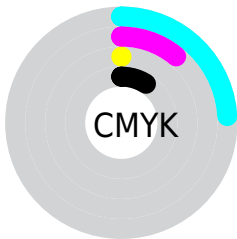
Distribution



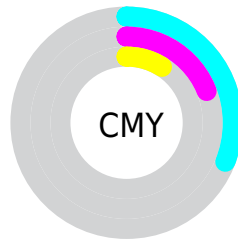
- Red (69%)
- Green (81%)
- Blue (91%)



- Red (69%)
- Yellow (77%)
- Blue (91%)



- Cyan (24%)
- Magenta (11%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1989, 0.2746, 0.2980 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 59.1989, 0.2746, 0.2980 by changing the saturation by 10% instead.

■ 59.1989, 0.2746,
0.2980

■ 59.1989, 0.2746,
0.2980

421.6386, 0.2927,
0.3129

■ 42.7733, 0.2704,
0.2945

■ 103.6667, 0.2810,
0.3033

■ 29.7072, 0.2651,
0.2900

132.4776, 0.2834,
0.3053

■ 19.6165, 0.2583,
0.2843

166.1858, 0.2855,
0.3070

■ 12.1166, 0.2494,
0.2766

205.1755, 0.2873,
0.3085

■ 6.8231, 0.2370,
0.2658

249.8313, 0.2889,
0.3098

■ 3.3517, 0.2188,
0.2497

300.5375, 0.2903,

■ 1.3180, 0.1897,

0.3110

0.2232

357.6784, 0.2916,
0.3120

0.1551, 0.0274,
0.1010

0.0000, 0.0000,
0.0000

59.1989, 0.2746,
0.2980

59.1989, 0.2746,
0.2980

51.7059, 0.2584,
0.2829

67.5154, 0.2907,
0.3118

44.9987, 0.2425,
0.2665

76.6771, 0.3064,
0.3243

39.0468, 0.2274,
0.2492

86.7134, 0.3215,
0.3354

33.8145, 0.2135,
0.2312

94.9271, 0.3268,
0.3457

■ 29.2621, 0.2013,
0.2129

■ 98.6070, 0.3262,
0.3512

■ 25.3449, 0.1912,
0.1947

■ 22.0095, 0.1835,
0.1772

■ 20.2759, 0.1798,
0.1673

Harmonies

Analogous

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



59.1989, 0.2720, 0.3117



59.1989, 0.2746, 0.2980



59.1989, 0.2871, 0.2929

Triad

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



59.1989, 0.2746, 0.2980



59.1989, 0.3466, 0.3256



59.1989, 0.3175, 0.3640

Complementary

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



59.1989, 0.2746, 0.2980



62.5690, 0.3563, 0.3581

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.



59.1989, 0.3381, 0.3669



59.1989, 0.2746, 0.2980



59.1989, 0.3553, 0.3439

Square

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



59.1989, 0.2746, 0.2980



59.1989, 0.3286, 0.3087



59.1989, 0.3520, 0.3592



59.1989, 0.2963, 0.3506

Rectangle

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



59.1989, 0.2746, 0.2980



59.1989, 0.2997, 0.2946



59.1989, 0.3520, 0.3592



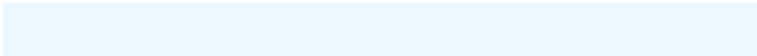
59.1989, 0.3248, 0.3662

Sweetspot

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



59.2013, 0.2746, 0.2980



91.5887, 0.3019, 0.3208



71.1848, 0.2946, 0.3657



19.4539, 0.3009, 0.3200



0.0000, 0.0000, 0.0000



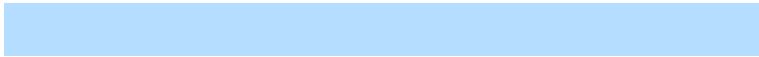
21.4041, 0.3127, 0.3290

Same Dimension

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



59.2013, 0.2746, 0.2980



68.5598, 0.2665, 0.2906



47.2416, 0.2718, 0.2643



15.1578, 0.2981, 0.3178



11.5097, 0.1806, 0.1700



1.0361, 0.1875, 0.1951

Inverse Universe

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



52.6836, 0.3368, 0.2959



59.5281, 0.3432, 0.2887



76.4527, 0.3498, 0.3864



14.4963, 0.3209, 0.3165



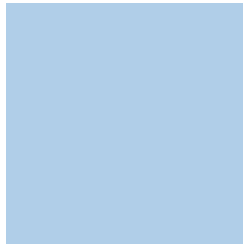
10.3596, 0.4806, 0.2421



0.7843, 0.4509, 0.2258

Previews

White Background



This preview shows how the Yxy color 59.1989, 0.2746, 0.2980 looks on a white background.

Color Contrast Check

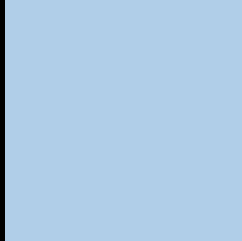
Large Text (above 18pt) WCAG AA × Fail

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 59.1989, 0.2746, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

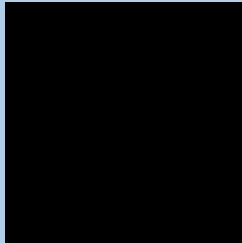
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

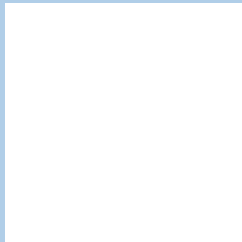
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1989, 0.2746, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 59.1989, 0.2746, 0.2980.



This preview shows how white text looks on a background with the Yxy color 59.1989, 0.2746, 0.2980.

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

59.1989, 0.2746, 0.2980

Protanopia

58.9158, 0.2918, 0.2967

Deuteranopia

58.9948, 0.2935, 0.2873



Tritanopia

59.0061, 0.2782, 0.3084

Trichromacy



Original Color

59.1989, 0.2746, 0.2980

Protanomaly

58.8454, 0.2856, 0.2974

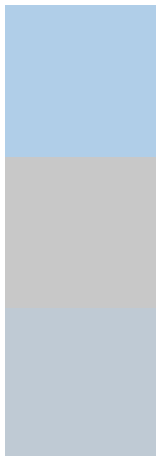
Deuteranomaly

58.7938, 0.2864, 0.2910

Tritanomaly

59.2857, 0.2770, 0.3049

Monochromacy



Original Color

59.1989, 0.2746, 0.2980

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0709, 0.2975, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1989, 0.2746, 0.2980 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(176, 206, 232)` looks like.

```
.text, #text, p{  
    color:rgb(176, 206, 232)  
}
```

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(176, 206, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 206, 232) }
```

Border

The CSS property to change the border of an element to Yxy 59.1989, 0.2746, 0.2980 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(176, 206, 232) }
```

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

```
.border{ border-color:rgb(176, 206, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 206, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 206, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 206, 232);  
box-shadow:4px 4px 4px 4px rgb(176, 206,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1989, 0.2746, 0.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 206, 232) }
```

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

```
.background{ background-color: rgb(176,  
206, 232) }
```

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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