

Converting Colors

$Yxy(59.4106, 0.2733, 0.2798)$

Have a look what the booklet for
Yxy(59.4106, 0.2733, 0.2798)
contains.

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Color

Yxy(59.3984, 0.2737, 0.2798)

Conversions

Conversions Part 1

Format	Color
Hex	BBCAF5
RGB	187, 202, 245
RGB Percent	73%, 79%, 96%
CMY	0.2665, 0.2079, 0.0392
CMYK	0.24, 0.18, 0.00, 0.04
HSL	225°, 74%, 85%
HSV	225°, 24%, 96%
XYZ	58.1034, 59.3984, 94.7869
YIQ	202.4170, -22.7430, 10.1930

Conversions

Conversions Part 2

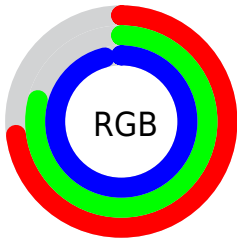
Format	Color
RYB	187, 199, 245
Decimal	12307189
CIELab	81.51, 4.05, -22.85
CIELCh	82, 23.203, 280.048
Yxy	59.3984, 0.2737, 0.2798
Android (android.graphics.Color)	4290497269 (0xFFBBCAF5)
YUV	202.4170, 20.9934, -13.5207
Hunter-Lab	77.0704, -0.3018, -18.9701

Details

The Yxy color **59.3984, 0.2737, 0.2798** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.6265, 0.3518, 0.3738**, and the grayscale version is **59.2193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **29.8405, 0.2638, 0.2673** is the 20% darker color. If you saturate the color by 10%, you get **48.5336, 0.2553, 0.2550**, and if you desaturate by 10%, it is **71.8004, 0.2911, 0.3023**.

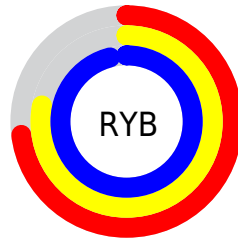
Distribution



Red (73%)

Green (79%)

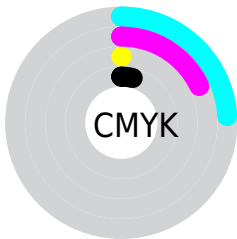
Blue (96%)



Red (73%)

Yellow (78%)

Blue (96%)

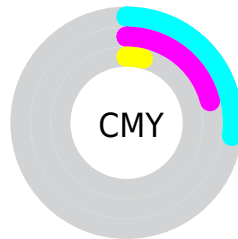


Cyan (24%)

Magenta (18%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (21%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3984, 0.2737, 0.2798 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 59.3984, 0.2737, 0.2798 by changing the saturation by 10% instead.

■ 59.3984, 0.2737,
0.2798

■ 59.3984, 0.2737,
0.2798

422.3767, 0.2923,
0.3029

■ 42.9339, 0.2694,
0.2745

■ 103.9565, 0.2802,
0.2879

■ 29.8333, 0.2639,
0.2678

132.8189, 0.2827,
0.2910

■ 19.7121, 0.2570,
0.2594

166.5826, 0.2849,
0.2937

■ 12.1859, 0.2478,
0.2484

205.6323, 0.2868,
0.2960

■ 6.8704, 0.2352,
0.2333

250.3521, 0.2884,
0.2981

■ 3.3812, 0.2168,
0.2118

301.1265, 0.2898,

■ 1.3338, 0.1879,

0.2999

0.1788

358.3399, 0.2911,
0.3015

0.1672, 0.1050,
0.0681

0.0000, 0.0000,
0.0000

59.3984, 0.2737,
0.2798

59.3984, 0.2737,
0.2798

48.5336, 0.2553,
0.2550

71.8004, 0.2911,
0.3023

39.1373, 0.2364,
0.2282

85.7904, 0.3072,
0.3223

31.1461, 0.2176,
0.2001

99.3725, 0.3185,
0.3386

24.4889, 0.1998,
0.1717

■ 19.0878, 0.1840,
0.1444

■ 14.8557, 0.1711,
0.1196

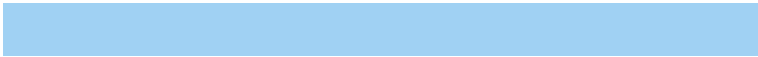
■ 11.6927, 0.1619,
0.0987

■ 10.1673, 0.1577,
0.0878

Harmonies

Analogous

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



59.3984, 0.2589, 0.2884



59.3984, 0.2737, 0.2798



59.3984, 0.2992, 0.2835

Triad

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



59.3984, 0.2737, 0.2798



59.3984, 0.3711, 0.3448



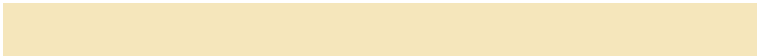
59.3984, 0.2943, 0.3633

Complementary

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



59.3984, 0.2737, 0.2798



79.6265, 0.3518, 0.3738

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.



59.3984, 0.3240, 0.3800



59.3984, 0.2737, 0.2798



59.3984, 0.3692, 0.3673

Square

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



59.3984, 0.2737, 0.2798



59.3984, 0.3564, 0.3199



59.3984, 0.3516, 0.3808



59.3984, 0.2703, 0.3363

Rectangle

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



59.3984, 0.2737, 0.2798



59.3984, 0.3194, 0.2921



59.3984, 0.3516, 0.3808



59.3984, 0.3040, 0.3705

Sweetspot

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



59.4008, 0.2737, 0.2798



88.6077, 0.3019, 0.3158



81.5627, 0.2859, 0.3461



18.7643, 0.3009, 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.



59.4008, 0.2737, 0.2798



59.6077, 0.2657, 0.2692



54.5117, 0.2819, 0.2639



16.6213, 0.2979, 0.3109



5.6657, 0.1584, 0.0903



0.6573, 0.1650, 0.1138

Inverse Universe

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



59.2374, 0.3494, 0.3132



59.6399, 0.3585, 0.3100



85.9625, 0.3391, 0.3900



16.5526, 0.3253, 0.3229



10.6713, 0.5906, 0.3027



0.9540, 0.5555, 0.2834

Previews

White Background



This preview shows how the Yxy color 59.3984, 0.2737, 0.2798 looks on a white background.

Color Contrast Check

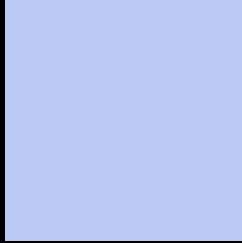
Large Text (above 18pt) WCAG AA × Fail

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 59.3984, 0.2737, 0.2798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

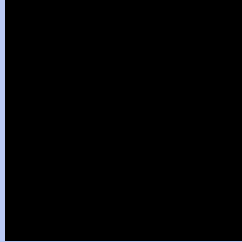
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

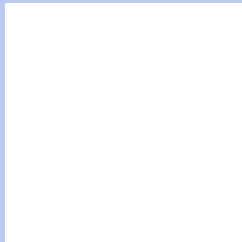
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3984, 0.2737, 0.2798

Background



This preview shows how black text looks on a background with the Yxy color 59.3984, 0.2737, 0.2798.



This preview shows how white text looks on a background with the Yxy color 59.3984, 0.2737, 0.2798.

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

59.3984, 0.2737, 0.2798

Protanopia

59.1777, 0.2781, 0.2791

Deuteranopia

59.3213, 0.2815, 0.2754



Tritanopia

59.4838, 0.2854, 0.3099

Trichromacy



Original Color

59.3984, 0.2737, 0.2798

Protanomaly

59.3813, 0.2768, 0.2800

Deuteranomaly

59.1028, 0.2782, 0.2760

Tritanomaly

59.5662, 0.2810, 0.2995

Monochromacy



Original Color

59.3984, 0.2737, 0.2798

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.1733, 0.2978, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3984, 0.2737, 0.2798 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(187, 202, 245)` looks like.

```
.text, #text, p{  
    color:rgb(187, 202, 245)  
}
```

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(187, 202, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 202, 245) }
```

Border

The CSS property to change the border of an element to Yxy 59.3984, 0.2737, 0.2798 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(187, 202, 245) }
```

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

```
.border{ border-color:rgb(187, 202, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 202, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 202, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 202, 245);  
box-shadow:4px 4px 4px 4px rgb(187, 202,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3984, 0.2737, 0.2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 202, 245) }
```

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

```
.background{ background-color: rgb(187,  
202, 245) }
```

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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