

Converting Colors

$Yxy(60.5345, 0.2793, 0.2967)$

Have a look what the booklet for
Yxy(60.5345, 0.2793, 0.2967)
contains.

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Color

Yxy(60.3974, 0.2793, 0.2963)

Conversions

Conversions Part 1

Format	Color
Hex	B9CEEA
RGB	185, 206, 234
RGB Percent	73%, 81%, 92%
CMY	0.2745, 0.1921, 0.0823
CMYK	0.21, 0.12, 0.00, 0.08
HSL	214°, 54%, 82%
HSV	214°, 21%, 92%
XYZ	56.9321, 60.3974, 86.5091
YIQ	202.9130, -21.5040, 4.2560

Conversions

Conversions Part 2

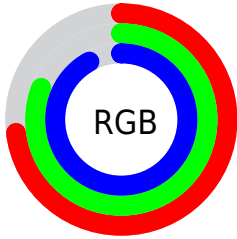
Format	Color
R _Y B	185, 200, 234
Decimal	12177130
CIE Lab	82.05, -1.17, -16.18
CIE LCh	82, 16.222, 265.878
Yxy	60.3974, 0.2793, 0.2963
Android (android.graphics.Color)	4290367210 (0xFFB9CEEA)
YUV	202.9130, 15.3259, -15.7097
Hunter-Lab	77.7158, -5.2391, -11.5975

Details

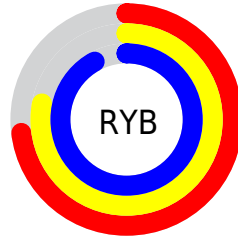
The Yxy color **60.3974, 0.2793, 0.2963** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.5953, 0.3486, 0.3597**, and the grayscale version is **59.5778, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **30.4961, 0.2710, 0.2887** is the 20% darker color. If you saturate the color by 10%, you get **51.5562, 0.2624, 0.2780**, and if you desaturate by 10%, it is **70.2706, 0.2957, 0.3129**.

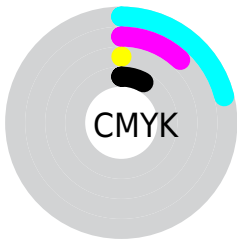
Distribution



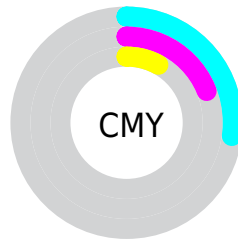
- Red (73%)
- Green (81%)
- Blue (92%)



- Red (73%)
- Yellow (78%)
- Blue (92%)



- Cyan (21%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (27%)
- Magenta (19%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3974, 0.2793, 0.2963 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 60.3974, 0.2793, 0.2963 by changing the saturation by 10% instead.

■ 60.3974, 0.2793,
0.2963

■ 60.3974, 0.2793,
0.2963

426.0610, 0.2951,
0.3119

■ 43.7390, 0.2756,
0.2926

■ 105.4059, 0.2849,
0.3018

■ 30.4654, 0.2710,
0.2881

134.5249, 0.2870,
0.3039

■ 20.1921, 0.2650,
0.2822

168.5661, 0.2889,
0.3057

■ 12.5348, 0.2572,
0.2744

207.9141, 0.2904,
0.3073

■ 7.1090, 0.2463,
0.2636

252.9532, 0.2918,
0.3086

■ 3.5303, 0.2303,
0.2475

304.0678, 0.2931,

■ 1.4145, 0.2047,

0.3098

0.2217

361.6423, 0.2942,
0.3109

0.2274, 0.1011,
0.1225

0.0000, 0.0000,
0.0000

60.3974, 0.2793,
0.2963

60.3974, 0.2793,
0.2963

51.5562, 0.2624,
0.2780

70.2706, 0.2957,
0.3129

43.7027, 0.2453,
0.2581

81.2033, 0.3113,
0.3277

36.7997, 0.2285,
0.2368

93.1914, 0.3258,
0.3408

30.8048, 0.2126,
0.2146

98.7214, 0.3250,
0.3493

■ 25.6713, 0.1983,
0.1922

■ 21.3475, 0.1861,
0.1702

■ 17.7736, 0.1766,
0.1494

■ 15.1052, 0.1701,
0.1322

Harmonies

Analogous

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



60.3974, 0.2731, 0.3068



60.3974, 0.2793, 0.2963



60.3974, 0.2943, 0.2946

Triad

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



60.3974, 0.2793, 0.2963



60.3974, 0.3496, 0.3322



60.3974, 0.3098, 0.3591

Complementary

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



60.3974, 0.2793, 0.2963



68.5953, 0.3486, 0.3597

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.



60.3974, 0.3305, 0.3658



60.3974, 0.2793, 0.2963



60.3974, 0.3539, 0.3493

Square

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



60.3974, 0.2793, 0.2963



60.3974, 0.3350, 0.3149



60.3974, 0.3468, 0.3619



60.3974, 0.2903, 0.3434

Rectangle

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



60.3974, 0.2793, 0.2963



60.3974, 0.3075, 0.2982



60.3974, 0.3468, 0.3619



60.3974, 0.3168, 0.3625

Sweetspot

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



60.3999, 0.2793, 0.2963



91.7595, 0.3035, 0.3204



73.9617, 0.2936, 0.3535



19.4545, 0.3024, 0.3194



0.0000, 0.0000, 0.0000



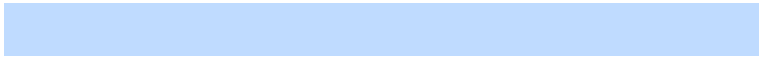
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3999, 0.2793, 0.2963



68.7637, 0.2723, 0.2889



51.3674, 0.2800, 0.2713



15.6101, 0.2980, 0.3152



8.7256, 0.1709, 0.1351



0.8726, 0.1784, 0.1620

Inverse Universe

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



56.6513, 0.3372, 0.3060



63.7222, 0.3434, 0.3012



79.3039, 0.3419, 0.3816



15.1612, 0.3226, 0.3189



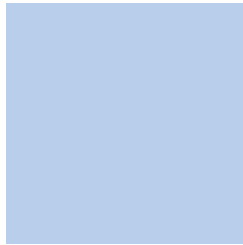
10.3737, 0.5258, 0.2670



0.8335, 0.4906, 0.2476

Previews

White Background



This preview shows how the Yxy color 60.3974, 0.2793, 0.2963 looks on a white background.

Color Contrast Check

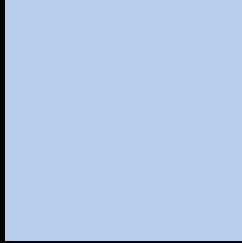
Large Text (above 18pt) WCAG AA × Fail

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 60.3974, 0.2793, 0.2963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

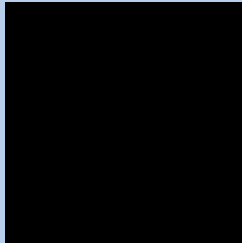
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

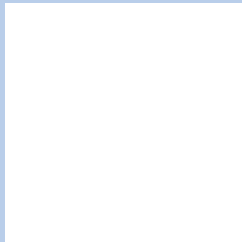
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3974, 0.2793, 0.2963

Background



This preview shows how black text looks on a background with the Yxy color 60.3974, 0.2793, 0.2963.



This preview shows how white text looks on a background with the Yxy color 60.3974, 0.2793, 0.2963.

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

60.3974, 0.2793, 0.2963

Protanopia

60.2094, 0.2900, 0.2947

Deuteranopia

60.3129, 0.2937, 0.2877



Tritanopia

60.5608, 0.2843, 0.3100

Trichromacy



Original Color

60.3974, 0.2793, 0.2963

Protanomaly

60.0644, 0.2859, 0.2945

Deuteranomaly

60.5186, 0.2887, 0.2916

Tritanomaly

60.4174, 0.2824, 0.3042

Monochromacy



Original Color

60.3974, 0.2793, 0.2963

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.7765, 0.2998, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3974, 0.2793, 0.2963 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(185, 206, 234)` looks like.

```
.text, #text, p{  
    color:rgb(185, 206, 234)  
}
```

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(185, 206, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 206, 234) }
```

Border

The CSS property to change the border of an element to Yxy 60.3974, 0.2793, 0.2963 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(185, 206, 234) }
```

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

```
.border{ border-color:rgb(185, 206, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 206, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 206, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 206, 234);  
box-shadow:4px 4px 4px 4px rgb(185, 206,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3974, 0.2793, 0.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 206, 234) }
```

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

```
.background{ background-color: rgb(185,  
206, 234) }
```

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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