

Converting Colors

$Yxy(74.7354, 0.2834, 0.3175)$

Have a look what the booklet for
Yxy(74.7354, 0.2834, 0.3175)
contains.

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Color

Yxy(74.5466, 0.2834, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	C3E6F1
RGB	195, 230, 241
RGB Percent	76%, 90%, 95%
CMY	0.2351, 0.0981, 0.0550
CMYK	0.19, 0.05, 0.00, 0.05
HSL	194°, 62%, 85%
HSV	194°, 19%, 95%
XYZ	66.6872, 74.5466, 94.0774
YIQ	220.7890, -24.3910, -3.9990

Conversions

Conversions Part 2

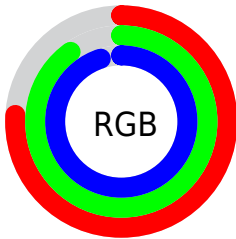
Format	Color
R_{YB}	195, 215, 241
Decimal	12838641
CIE _{Lab}	89.18, -9.07, -9.14
CIE _{LCh}	89, 12.878, 225.241
Yxy	74.5466, 0.2834, 0.3168
Android (android.graphics.Color)	4291028721 (0xFFC3E6F1)
YUV	220.7890, 9.9640, -22.6170
Hunter-Lab	86.3404, -13.2266, -4.1648

Details

The Yxy color **74.5466, 0.2834, 0.3168** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.8026, 0.3480, 0.3409**, and the grayscale version is **72.0997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **39.4376, 0.2768, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **68.4376, 0.2686, 0.3095**, and if you desaturate by 10%, it is **81.2859, 0.2987, 0.3235**.

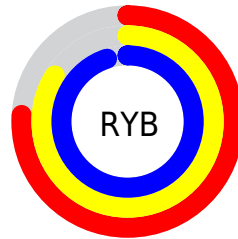
Distribution



Red (76%)

Green (90%)

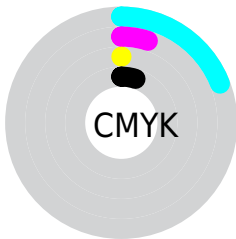
Blue (95%)



Red (76%)

Yellow (84%)

Blue (95%)

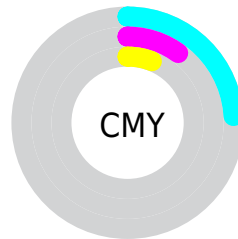


Cyan (19%)

Magenta (5%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (10%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.5466, 0.2834, 0.3168 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 74.5466, 0.2834, 0.3168 by changing the saturation by 10% instead.

■ 74.5466, 0.2834,
0.3168

■ 74.5466, 0.2834,
0.3168

■ 476.3577, 0.2968,
0.3226

■ 55.2415, 0.2804,
0.3155

■ 125.6703, 0.2880,
0.3188

■ 39.5951, 0.2767,
0.3138

■ 158.2578, 0.2898,
0.3196

■ 27.2230, 0.2720,
0.3116

■ 196.0415, 0.2914,
0.3203

■ 17.7408, 0.2660,
0.3088

■ 239.4059, 0.2927,
0.3209

■ 10.7640, 0.2579,
0.3049

■ 288.7353, 0.2939,
0.3214

■ 5.9084, 0.2464,
0.2991

■ 344.4141, 0.2950,

■ 2.7895, 0.2290,

0.3218

0.2899

406.8268, 0.2959,
0.3222

1.0228, 0.1989,
0.2732

0.0000, 0.0000,
0.0000

74.5466, 0.2834,
0.3168

74.5466, 0.2834,
0.3168

68.4376, 0.2686,
0.3095

81.2859, 0.2987,
0.3235

62.9239, 0.2545,
0.3017

88.6705, 0.3142,
0.3295

57.9807, 0.2415,
0.2934

94.3083, 0.3215,
0.3351

53.5775, 0.2301,
0.2848

97.8944, 0.3210,
0.3406

■ 49.6807, 0.2203,
0.2759

■ 99.1298, 0.3209,
0.3425

■ 46.2518, 0.2125,
0.2669

■ 43.2455, 0.2067,
0.2580

■ 40.5937, 0.2027,
0.2492

■ 40.3541, 0.2023,
0.2483

Harmonies

Analogous

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



74.5466, 0.2890, 0.3305



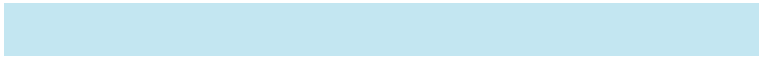
74.5466, 0.2834, 0.3168



74.5466, 0.2854, 0.3069

Triad

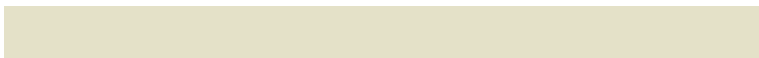
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5466, 0.2834, 0.3168



74.5466, 0.3242, 0.3145



74.5466, 0.3308, 0.3560

Complementary

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



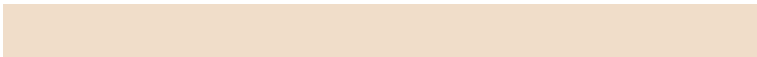
74.5466, 0.2834, 0.3168



66.8026, 0.3480, 0.3409

Split Complementary

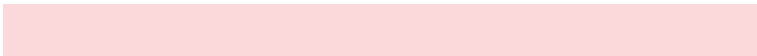
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.5466, 0.3407, 0.3508



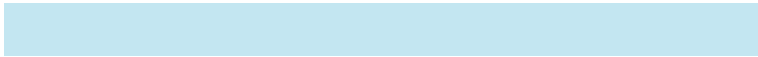
74.5466, 0.2834, 0.3168



74.5466, 0.3369, 0.3268

Square

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



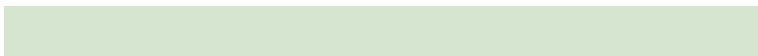
74.5466, 0.2834, 0.3168



74.5466, 0.3086, 0.3058



74.5466, 0.3430, 0.3400



74.5466, 0.3162, 0.3537

Rectangle

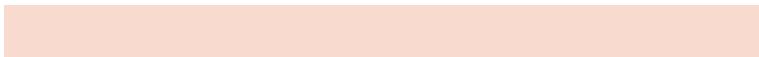
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



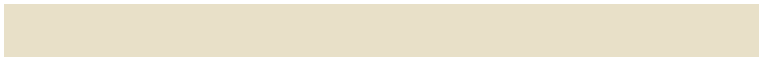
74.5466, 0.2834, 0.3168



74.5466, 0.2908, 0.3035



74.5466, 0.3430, 0.3400



74.5466, 0.3348, 0.3550

Sweetspot

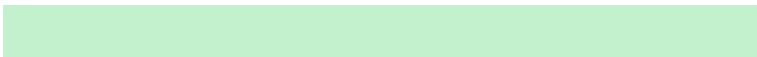
The Sweet Spot groups the original color and five complimentary colors.



74.5497, 0.2834, 0.3168



94.8997, 0.3034, 0.3254



78.9540, 0.3040, 0.3688



20.1971, 0.3024, 0.3250



0.0000, 0.0000, 0.0000



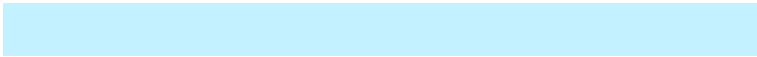
21.4041, 0.3127, 0.3290

Same Dimension

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



74.5497, 0.2834, 0.3168



81.8953, 0.2774, 0.3140



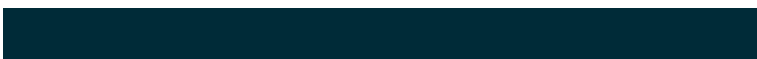
62.7310, 0.2819, 0.2909



17.2507, 0.2981, 0.3232



22.1062, 0.2027, 0.2498



1.9910, 0.2060, 0.2614

Inverse Universe

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



63.4649, 0.3230, 0.2925



67.2470, 0.3256, 0.2846



78.5317, 0.3437, 0.3644



15.9630, 0.3175, 0.3112



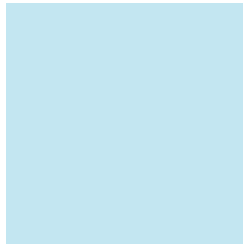
12.0250, 0.3924, 0.1935



1.0157, 0.3810, 0.1873

Previews

White Background



This preview shows how the Yxy color 74.5466, 0.2834, 0.3168 looks on a white background.

Color Contrast Check

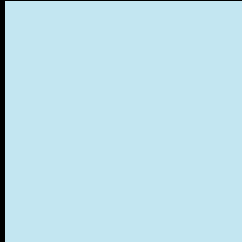
Large Text (above 18pt) WCAG AA × Fail

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 74.5466, 0.2834, 0.3168 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 74.5466, 0.2834, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 74.5466, 0.2834, 0.3168.

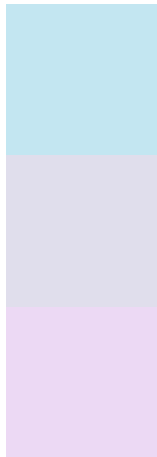


This preview shows how white text looks on a background with the Yxy color 74.5466, 0.2834, 0.3168.

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

74.5466, 0.2834, 0.3168

Protanopia

74.1460, 0.3051, 0.3141

Deuteranopia

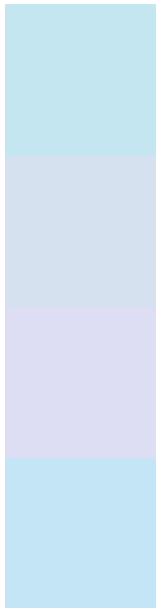
73.9902, 0.3084, 0.3013



Tritanopia

74.4898, 0.2805, 0.3092

Trichromacy



Original Color

74.5466, 0.2834, 0.3168

Protanomaly

74.1696, 0.2964, 0.3150

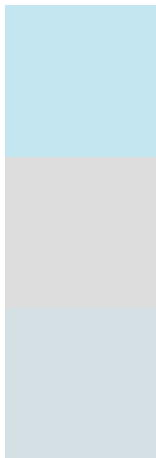
Deuteranomaly

74.0858, 0.2986, 0.3068

Tritanomaly

74.3670, 0.2816, 0.3114

Monochromacy



Original Color

74.5466, 0.2834, 0.3168

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.9098, 0.3019, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5466, 0.2834, 0.3168 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(195, 230, 241)` looks like.

```
.text, #text, p{  
    color:rgb(195, 230, 241)  
}
```

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(195, 230, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 230, 241) }
```

Border

The CSS property to change the border of an element to Yxy 74.5466, 0.2834, 0.3168 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(195, 230, 241) }
```

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

```
.border{ border-color:rgb(195, 230, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 230, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 230, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 230, 241);  
box-shadow:4px 4px 4px 4px rgb(195, 230,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5466, 0.2834, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 230, 241) }
```

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

```
.background{ background-color: rgb(195,  
230, 241) }
```

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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