

Converting Colors

$Yxy(75.9538, 0.2809, 0.3192)$

Have a look what the booklet for
Yxy(75.9538, 0.2809, 0.3192)
contains.

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Color

Yxy(75.7650, 0.2806, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	BFE9F2
RGB	191, 233, 242
RGB Percent	75%, 91%, 95%
CMY	0.2511, 0.0862, 0.0511
CMYK	0.21, 0.04, 0.00, 0.05
HSL	191°, 66%, 85%
HSV	191°, 21%, 95%
XYZ	66.6447, 75.7650, 95.0981
YIQ	221.4680, -27.9210, -6.1050

Conversions

Conversions Part 2

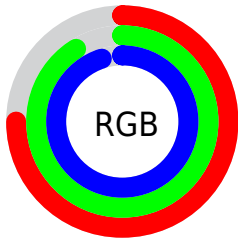
Format	Color
R _Y B	191, 214, 242
Decimal	12577266
CIE Lab	89.75, -11.62, -8.85
CIE LCh	90, 14.605, 217.291
Yxy	75.7650, 0.2806, 0.3190
Android (android.graphics.Color)	4290767346 (0xFFBFE9F2)
YUV	221.4680, 10.1223, -26.7204
Hunter-Lab	87.0431, -15.6566, -3.8466

Details

The Yxy color **75.7650, 0.2806, 0.3190** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.9176, 0.3533, 0.3388**, and the grayscale version is **72.5929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **40.3078, 0.2735, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **70.5061, 0.2663, 0.3136**, and if you desaturate by 10%, it is **81.6064, 0.2956, 0.3240**.

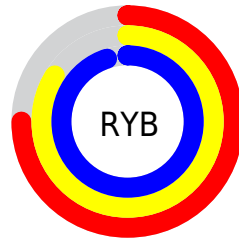
Distribution



Red (75%)

Green (91%)

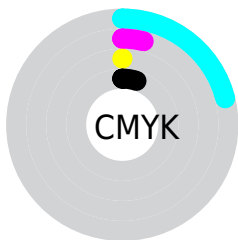
Blue (95%)



Red (75%)

Yellow (84%)

Blue (95%)

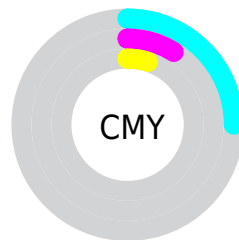


Cyan (21%)

Magenta (4%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7650, 0.2806, 0.3190 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 75.7650, 0.2806, 0.3190 by changing the saturation by 10% instead.

■ 75.7650, 0.2806,
0.3190

■ 75.7650, 0.2806,
0.3190

■ 480.5429, 0.2952,
0.3238

■ 56.2398, 0.2773,
0.3179

■ 127.3947, 0.2856,
0.3207

■ 40.3952, 0.2733,
0.3165

■ 160.2680, 0.2876,
0.3213

■ 27.8468, 0.2683,
0.3147

■ 198.3594, 0.2893,
0.3219

■ 18.2102, 0.2618,
0.3123

■ 242.0534, 0.2908,
0.3224

■ 11.1010, 0.2530,
0.3089

■ 291.7344, 0.2921,
0.3228

■ 6.1348, 0.2408,
0.3039

■ 347.7867, 0.2932,

■ 2.9272, 0.2223,

0.3232

0.2959

410.5947, 0.2943,
0.3235

1.0939, 0.1908,
0.2811

0.0000, 0.0000,
0.0000

75.7650, 0.2806,
0.3190

75.7650, 0.2806,
0.3190

70.5061, 0.2663,
0.3136

81.6064, 0.2956,
0.3240

65.7946, 0.2530,
0.3079

88.0452, 0.3110,
0.3285

61.6056, 0.2411,
0.3018

93.4446, 0.3210,
0.3327

57.9084, 0.2308,
0.2956

96.0593, 0.3207,
0.3368

■ 54.6687, 0.2223,
0.2892

■ 98.7337, 0.3203,
0.3408

■ 51.8472, 0.2159,
0.2828

■ 99.1895, 0.3203,
0.3415

■ 49.3971, 0.2113,
0.2764

■ 47.4571, 0.2086,
0.2708

Harmonies

Analogous

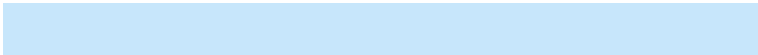
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7650, 0.2890, 0.3350



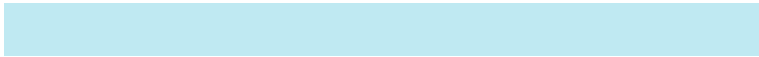
75.7650, 0.2806, 0.3190



75.7650, 0.2805, 0.3064

Triad

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



75.7650, 0.2806, 0.3190



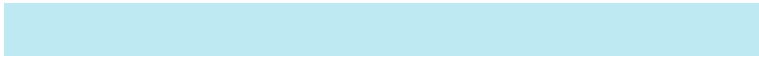
75.7650, 0.3211, 0.3096



75.7650, 0.3367, 0.3586

Complementary

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



75.7650, 0.2806, 0.3190



63.9176, 0.3533, 0.3388

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.



75.7650, 0.3459, 0.3507



75.7650, 0.2806, 0.3190



75.7650, 0.3368, 0.3226

Square

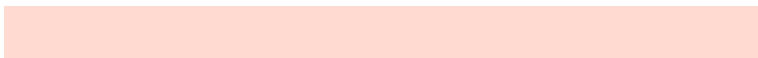
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7650, 0.2806, 0.3190



75.7650, 0.3035, 0.3014



75.7650, 0.3460, 0.3375



75.7650, 0.3212, 0.3584

Rectangle

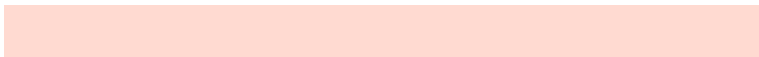
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7650, 0.2806, 0.3190



75.7650, 0.2852, 0.3014



75.7650, 0.3460, 0.3375



75.7650, 0.3407, 0.3568

Sweetspot

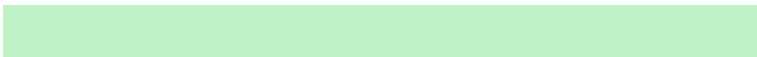
The Sweet Spot groups the original color and five complimentary colors.



75.7681, 0.2806, 0.3190



95.5085, 0.3034, 0.3263



78.7112, 0.3050, 0.3776



20.3413, 0.3024, 0.3260



0.0000, 0.0000, 0.0000



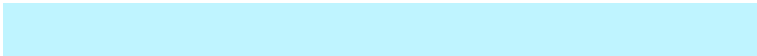
21.4041, 0.3127, 0.3290

Same Dimension

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



75.7681, 0.2806, 0.3190



82.9050, 0.2748, 0.3169



62.5848, 0.2786, 0.2904



17.4285, 0.2981, 0.3247



25.6804, 0.2089, 0.2719



2.2590, 0.2112, 0.2802

Inverse Universe

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



62.0100, 0.3218, 0.2853



65.1498, 0.3239, 0.2768



76.4733, 0.3480, 0.3649



15.9809, 0.3165, 0.3098



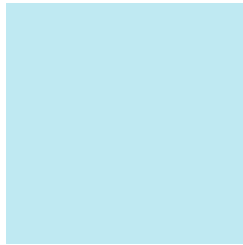
12.3858, 0.3710, 0.1818



1.0428, 0.3633, 0.1775

Previews

White Background



This preview shows how the Yxy color 75.7650, 0.2806, 0.3190 looks on a white background.

Color Contrast Check

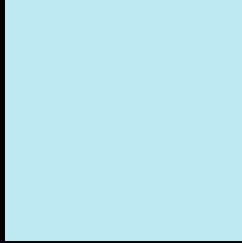
Large Text (above 18pt) WCAG AA × Fail

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 75.7650, 0.2806, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

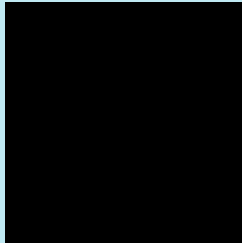
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.7650, 0.2806, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 75.7650, 0.2806, 0.3190.

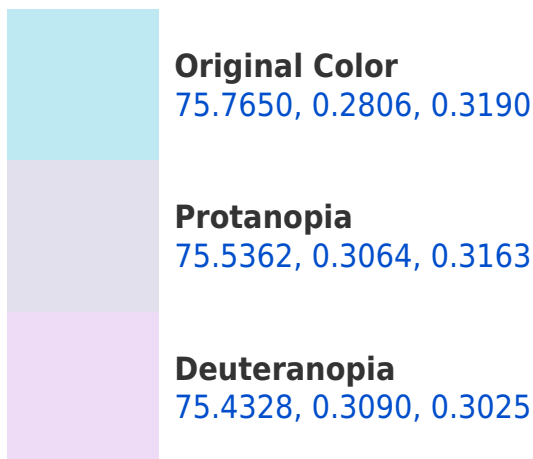


This preview shows how white text looks on a background with the Yxy color 75.7650, 0.2806, 0.3190.

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

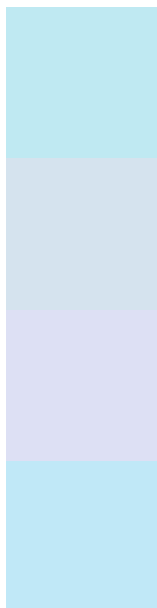




Tritanopia

75.9528, 0.2773, 0.3093

Trichromacy



Original Color

75.7650, 0.2806, 0.3190

Protanomaly

75.2574, 0.2964, 0.3171

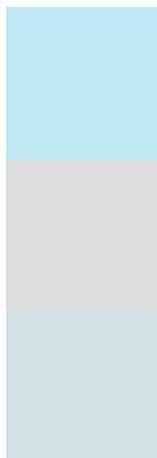
Deuteranomaly

75.2151, 0.2980, 0.3079

Tritanomaly

75.6351, 0.2784, 0.3125

Monochromacy



Original Color

75.7650, 0.2806, 0.3190

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.2092, 0.2999, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7650, 0.2806, 0.3190 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(191, 233, 242)` looks like.

```
.text, #text, p{  
    color:rgb(191, 233, 242)  
}
```

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(191, 233, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 233, 242) }
```

Border

The CSS property to change the border of an element to Yxy 75.7650, 0.2806, 0.3190 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(191, 233, 242) }
```

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

```
.border{ border-color:rgb(191, 233, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 233, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 233, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 233, 242);  
box-shadow:4px 4px 4px 4px rgb(191, 233,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7650, 0.2806, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 233, 242) }
```

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

```
.background{ background-color: rgb(191,  
233, 242) }
```

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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