

Converting Colors

$Yxy(75.4306, 0.2830, 0.3206)$

Have a look what the booklet for
Yxy(75.4306, 0.2830, 0.3206)
contains.

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Color

Yxy(75.3420, 0.2828, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	C1E8F0
RGB	193, 232, 240
RGB Percent	76%, 91%, 94%
CMY	0.2434, 0.0901, 0.0589
CMYK	0.20, 0.03, 0.00, 0.06
HSL	190°, 61%, 85%
HSV	190°, 20%, 94%
XYZ	66.5627, 75.3420, 93.4655
YIQ	221.2510, -25.8120, -5.7800

Conversions

Conversions Part 2

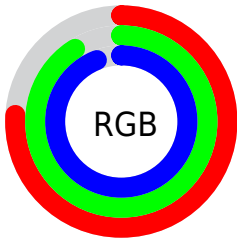
Format	Color
RYB	193, 214, 240
Decimal	12708080
CIELab	89.55, -10.95, -8.09
CIELCh	90, 13.614, 216.448
Yxy	75.3420, 0.2828, 0.3201
Android (android.graphics.Color)	4290898160 (0xFFC1E8F0)
YUV	221.2510, 9.2433, -24.7761
Hunter-Lab	86.7998, -15.0163, -3.0833

Details

The Yxy color **75.3420, 0.2828, 0.3201** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.0990, 0.3499, 0.3377**, and the grayscale version is **72.4325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **40.0003, 0.2763, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **70.1819, 0.2684, 0.3150**, and if you desaturate by 10%, it is **81.0730, 0.2979, 0.3248**.

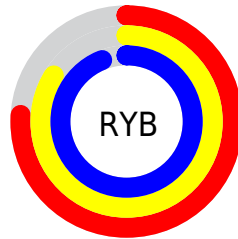
Distribution



Red (76%)

Green (91%)

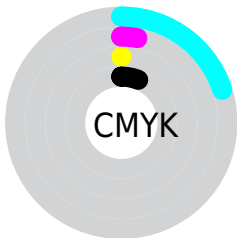
Blue (94%)



Red (76%)

Yellow (84%)

Blue (94%)

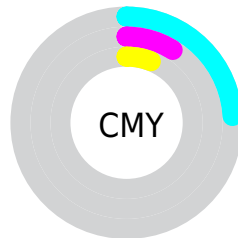


Cyan (20%)

Magenta (3%)

Yellow (0%)

Black (6%)



Cyan (24%)


Magenta (9%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3420, 0.2828, 0.3201 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 75.3420, 0.2828, 0.3201 by changing the saturation by 10% instead.


 75.3420, 0.2828,
0.3201

 75.3420, 0.2828,
0.3201

479.0922, 0.2964,
0.3244

 55.8931, 0.2797,
0.3191


 126.7964, 0.2875,
0.3216

 40.1172, 0.2760,
0.3178


159.5706, 0.2893,
0.3222

 27.6300, 0.2713,
0.3162


197.5555, 0.2909,
0.3227

 18.0469, 0.2651,
0.3141

241.1353, 0.2923,
0.3231

 10.9837, 0.2569,
0.3111

290.6945, 0.2935,
0.3235

 6.0559, 0.2454,
0.3066

346.6174, 0.2946,

 2.8791, 0.2278,

0.3238

0.2994

409.2886, 0.2956,
0.3241

1.0689, 0.1975,
0.2861

0.0000, 0.0000,
0.0000

75.3420, 0.2828,
0.3201

75.3420, 0.2828,
0.3201

70.1819, 0.2684,
0.3150

81.0730, 0.2979,
0.3248

65.5583, 0.2550,
0.3095

87.3888, 0.3133,
0.3292

61.4473, 0.2430,
0.3037

92.3824, 0.3223,
0.3331

57.8193, 0.2325,
0.2978

94.8585, 0.3220,
0.3370

■ 54.6413, 0.2239,
0.2917

■ 97.3889, 0.3217,
0.3409

■ 51.8758, 0.2172,
0.2855

■ 99.0708, 0.3214,
0.3434

■ 49.4781, 0.2124,
0.2794

■ 47.3765, 0.2093,
0.2733

■ 47.2971, 0.2092,
0.2731

Harmonies

Analogous

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



75.3420, 0.2909, 0.3350



75.3420, 0.2828, 0.3201



75.3420, 0.2825, 0.3081

Triad

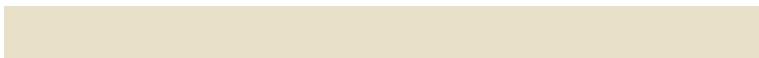
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3420, 0.2828, 0.3201



75.3420, 0.3201, 0.3105



75.3420, 0.3355, 0.3566

Complementary

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



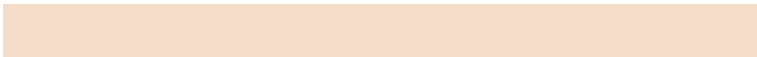
75.3420, 0.2828, 0.3201



64.0990, 0.3499, 0.3377

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.



75.3420, 0.3438, 0.3491



75.3420, 0.2828, 0.3201



75.3420, 0.3348, 0.3226

Square

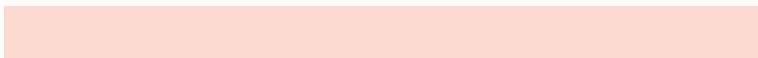
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3420, 0.2828, 0.3201



75.3420, 0.3037, 0.3031



75.3420, 0.3436, 0.3366



75.3420, 0.3212, 0.3566

Rectangle

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



75.3420, 0.2828, 0.3201



75.3420, 0.2867, 0.3033



75.3420, 0.3436, 0.3366



75.3420, 0.3391, 0.3548

Sweetspot

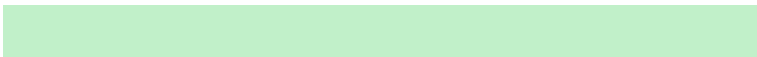
The Sweet Spot groups the original color and five complimentary colors.



75.3451, 0.2828, 0.3201



95.5706, 0.3034, 0.3264



77.8509, 0.3056, 0.3738



20.3561, 0.3024, 0.3262



0.0000, 0.0000, 0.0000



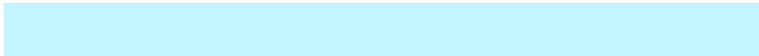
21.4041, 0.3127, 0.3290

Same Dimension

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



75.3451, 0.2828, 0.3201



83.7469, 0.2763, 0.3179



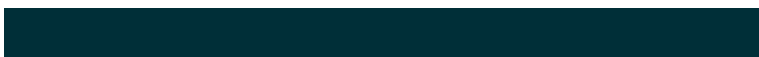
63.0334, 0.2812, 0.2934



17.4467, 0.2981, 0.3249



26.0645, 0.2095, 0.2741



2.2876, 0.2117, 0.2821

Inverse Universe

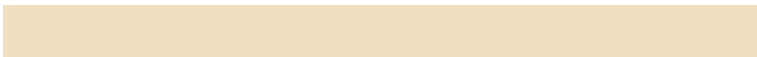
The Inverse Universe completely reimagines the original color for something new.



62.4612, 0.3209, 0.2881



66.3249, 0.3231, 0.2786



75.8471, 0.3453, 0.3622



15.9828, 0.3164, 0.3096



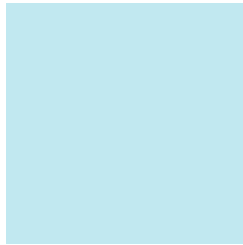
12.4246, 0.3690, 0.1806



1.0456, 0.3615, 0.1765

Previews

White Background



This preview shows how the Yxy color 75.3420, 0.2828, 0.3201 looks on a white background.

Color Contrast Check

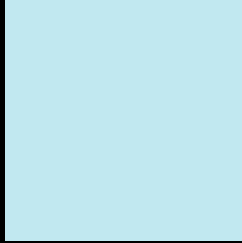
Large Text (above 18pt) WCAG AA × Fail

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 75.3420, 0.2828, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

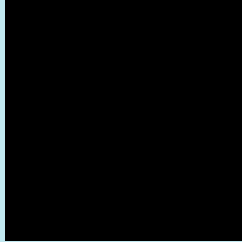
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.3420, 0.2828, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 75.3420, 0.2828, 0.3201.

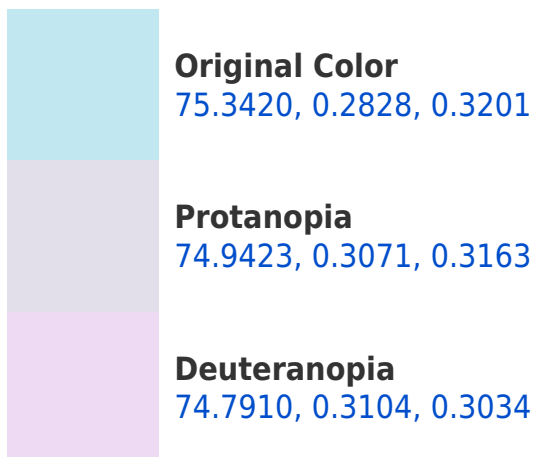


This preview shows how white text looks on a background with the Yxy color 75.3420, 0.2828, 0.3201.

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

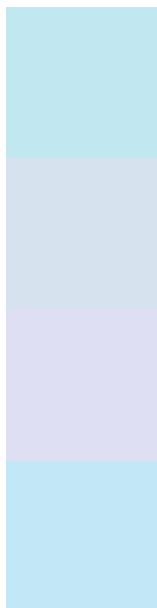




Tritanopia

75.5935, 0.2790, 0.3093

Trichromacy



Original Color

75.3420, 0.2828, 0.3201

Protanomaly

74.8033, 0.2977, 0.3171

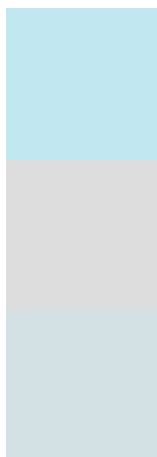
Deuteranomaly

74.7158, 0.2999, 0.3089

Tritanomaly

75.2750, 0.2800, 0.3125

Monochromacy



Original Color

75.3420, 0.2828, 0.3201

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.3007, 0.3012, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3420, 0.2828, 0.3201 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(193, 232, 240)` looks like.

```
.text, #text, p{  
    color:rgb(193, 232, 240)  
}
```

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(193, 232, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 232, 240) }
```

Border

The CSS property to change the border of an element to Yxy 75.3420, 0.2828, 0.3201 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(193, 232, 240) }
```

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

```
.border{ border-color:rgb(193, 232, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 232, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 232, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 232, 240);  
box-shadow:4px 4px 4px 4px rgb(193, 232,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3420, 0.2828, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 232, 240) }
```

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

```
.background{ background-color: rgb(193,  
232, 240) }
```

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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