

Converting Colors

$Yxy(75.5557, 0.2884, 0.3229)$

Have a look what the booklet for
Yxy(75.5557, 0.2884, 0.3229)
contains.

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Color

Yxy(75.4084, 0.2882, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	C7E7ED
RGB	199, 231, 237
RGB Percent	78%, 91%, 93%
CMY	0.2193, 0.0942, 0.0705
CMYK	0.16, 0.03, 0.00, 0.07
HSL	190°, 51%, 86%
HSV	190°, 16%, 93%
XYZ	67.4300, 75.4084, 91.1312
YIQ	222.1160, -20.9980, -4.9180

Conversions

Conversions Part 2

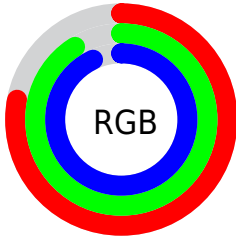
Format	Color
R _{YB}	199, 216, 237
Decimal	13101037
CIE _{Lab}	89.58, -9.16, -6.44
CIE _{LCh}	90, 11.200, 215.091
Y _{xy}	75.4084, 0.2882, 0.3223
Android (android.graphics.Color)	429129117 (0xFFC7E7ED)
YUV	222.1160, 7.3378, -20.2727
Hunter-Lab	86.8380, -13.3606, -1.4346

Details

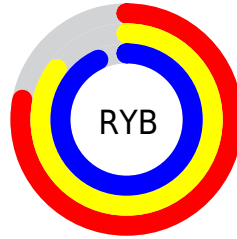
The Yxy color **75.4084, 0.2882, 0.3223** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.8428, 0.3420, 0.3356**, and the grayscale version is **73.1018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0159, 0.2829, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **70.3319, 0.2736, 0.3176**, and if you desaturate by 10%, it is **81.0414, 0.3034, 0.3266**.

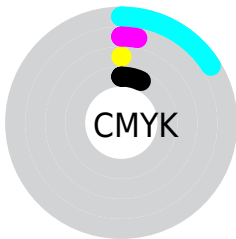
Distribution



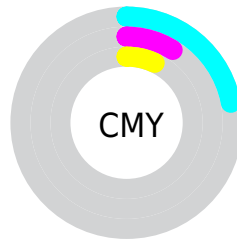
- Red (78%)
- Green (91%)
- Blue (93%)



- Red (78%)
- Yellow (85%)
- Blue (93%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4084, 0.2882, 0.3223 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 75.4084, 0.2882, 0.3223 by changing the saturation by 10% instead.

■ 75.4084, 0.2882,
0.3223

■ 75.4084, 0.2882,
0.3223

479.3201, 0.2994,
0.3255

■ 55.9475, 0.2857,
0.3215

126.8903, 0.2921,
0.3234

■ 40.1609, 0.2826,
0.3206

159.6801, 0.2936,
0.3239

■ 27.6640, 0.2787,
0.3194

197.6817, 0.2949,
0.3242

■ 18.0725, 0.2736,
0.3178

241.2795, 0.2960,
0.3246

■ 11.0021, 0.2668,
0.3156

290.8578, 0.2970,
0.3248

■ 6.0682, 0.2572,
0.3123

346.8011, 0.2979,

■ 2.8866, 0.2424,

0.3251

0.3068

409.4937, 0.2987,
0.3253

1.0728, 0.2170,
0.2967

0.0000, 0.0000,
0.0000

75.4084, 0.2882,
0.3223

75.4084, 0.2882,
0.3223

70.3319, 0.2736,
0.3176

81.0414, 0.3034,
0.3266

65.7790, 0.2599,
0.3126

87.2437, 0.3189,
0.3305

61.7275, 0.2474,
0.3073

91.0465, 0.3243,
0.3342

58.1495, 0.2365,
0.3018

93.3141, 0.3240,
0.3378

■ 55.0146, 0.2273,
0.2961

■ 95.6280, 0.3237,
0.3414

■ 52.2881, 0.2201,
0.2904

■ 97.9887, 0.3233,
0.3450

■ 49.9297, 0.2148,
0.2847

■ 98.8952, 0.3232,
0.3463

■ 47.8894, 0.2113,
0.2791

■ 47.1318, 0.2102,
0.2768

Harmonies

Analogous

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



75.4084, 0.2952, 0.3346



75.4084, 0.2882, 0.3223



75.4084, 0.2876, 0.3122

Triad

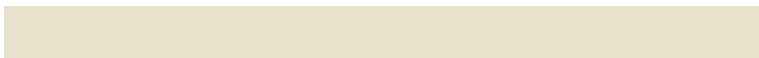
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4084, 0.2882, 0.3223



75.4084, 0.3182, 0.3134



75.4084, 0.3319, 0.3515

Complementary

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



75.4084, 0.2882, 0.3223



65.8428, 0.3420, 0.3356

Split Complementary

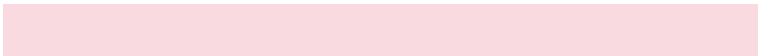
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4084, 0.3384, 0.3452



75.4084, 0.2882, 0.3223



75.4084, 0.3304, 0.3233

Square

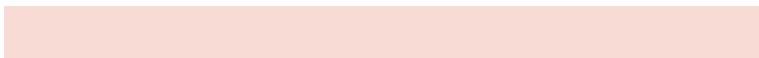
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4084, 0.2882, 0.3223



75.4084, 0.3048, 0.3074



75.4084, 0.3379, 0.3349



75.4084, 0.3203, 0.3517

Rectangle

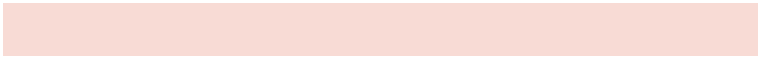
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4084, 0.2882, 0.3223



75.4084, 0.2910, 0.3081



75.4084, 0.3379, 0.3349



75.4084, 0.3348, 0.3500

Sweetspot

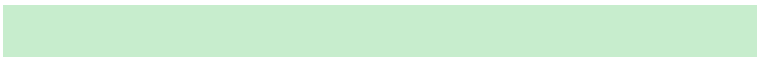
The Sweet Spot groups the original color and five complimentary colors.



75.4115, 0.2882, 0.3223



96.3762, 0.3049, 0.3270



77.1242, 0.3073, 0.3654



20.5224, 0.3038, 0.3267



0.0000, 0.0000, 0.0000



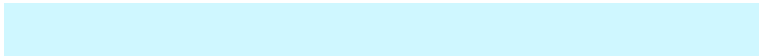
21.4041, 0.3127, 0.3290

Same Dimension

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



75.4115, 0.2882, 0.3223



87.1287, 0.2836, 0.3209



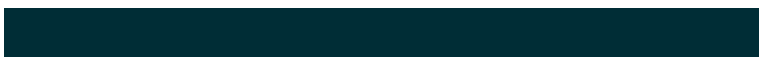
65.5295, 0.2873, 0.3013



16.6907, 0.2981, 0.3252



25.8902, 0.2105, 0.2777



2.1423, 0.2127, 0.2856

Inverse Universe

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



64.6550, 0.3189, 0.2954



72.4021, 0.3203, 0.2888



75.3018, 0.3389, 0.3553



15.2703, 0.3162, 0.3094



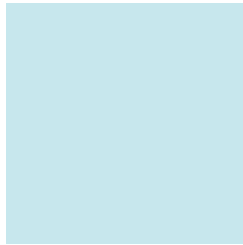
12.1064, 0.3656, 0.1787



0.9617, 0.3584, 0.1748

Previews

White Background



This preview shows how the Yxy color 75.4084, 0.2882, 0.3223 looks on a white background.

Color Contrast Check

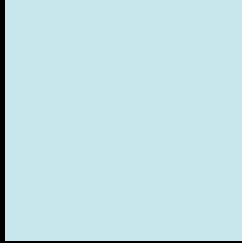
Large Text (above 18pt) WCAG AA × Fail

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 75.4084, 0.2882, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

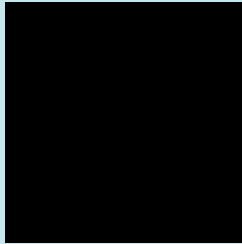
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.4084, 0.2882, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 75.4084, 0.2882, 0.3223.

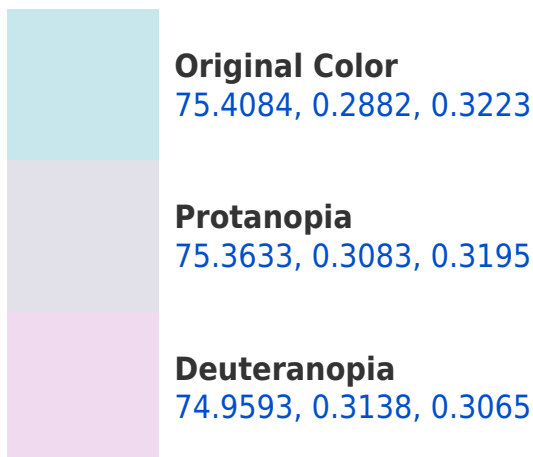


This preview shows how white text looks on a background with the Yxy color 75.4084, 0.2882, 0.3223.

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

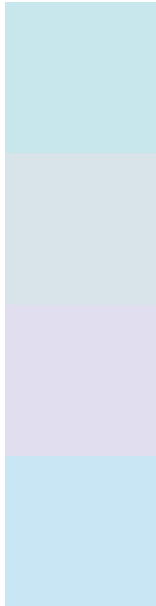




Tritanopia

75.2334, 0.2830, 0.3084

Trichromacy



Original Color

75.4084, 0.2882, 0.3223

Protanomaly

75.4776, 0.3008, 0.3214

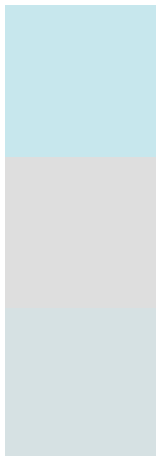
Deuteranomaly

75.0149, 0.3038, 0.3121

Tritanomaly

75.4046, 0.2847, 0.3137

Monochromacy



Original Color

75.4084, 0.2882, 0.3223

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.6926, 0.3039, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4084, 0.2882, 0.3223 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(199, 231, 237)` looks like.

```
.text, #text, p{  
    color:rgb(199, 231, 237)  
}
```

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(199, 231, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 231, 237) }
```

Border

The CSS property to change the border of an element to Yxy 75.4084, 0.2882, 0.3223 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(199, 231, 237) }
```

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

```
.border{ border-color:rgb(199, 231, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 231, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 231, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 231, 237);  
box-shadow:4px 4px 4px 4px rgb(199, 231,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4084, 0.2882, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 231, 237) }
```

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

```
.background{ background-color: rgb(199,  
231, 237) }
```

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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