

Converting Colors

$Yxy(57.7740, 0.2769, 0.3067)$

Have a look what the booklet for
Yxy(57.7740, 0.2769, 0.3067)
contains.

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Color

Yxy(57.7610, 0.2773, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	ACCDDF
RGB	172, 205, 223
RGB Percent	67%, 80%, 87%
CMY	0.3253, 0.1961, 0.1255
CMYK	0.23, 0.08, 0.00, 0.13
HSL	201°, 44%, 77%
HSV	201°, 23%, 87%
XYZ	52.1730, 57.7610, 78.2125
YIQ	197.1850, -25.4460, -1.3980

Conversions

Conversions Part 2

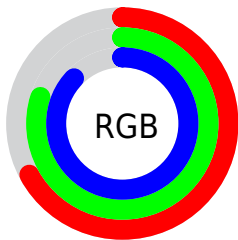
Format	Color
R _Y B	172, 192, 223
Decimal	11324895
CIE Lab	80.61, -7.01, -12.55
CIE LCh	81, 14.380, 240.816
Yxy	57.7610, 0.2773, 0.3070
Android (android.graphics.Color)	4289514975 (0xFFACCDDF)
YUV	197.1850, 12.7268, -22.0872
Hunter-Lab	76.0007, -10.4642, -7.8151

Details

The Yxy color **57.7610, 0.2773, 0.3070** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.5265, 0.3550, 0.3500**, and the grayscale version is **55.8927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **28.8823, 0.2685, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **51.7697, 0.2620, 0.2958**, and if you desaturate by 10%, it is **64.3705, 0.2929, 0.3173**.

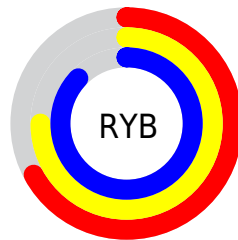
Distribution



Red (67%)

Green (80%)

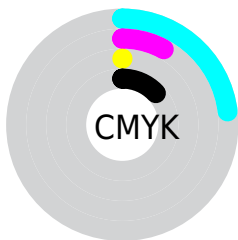
Blue (87%)



Red (67%)

Yellow (75%)

Blue (87%)

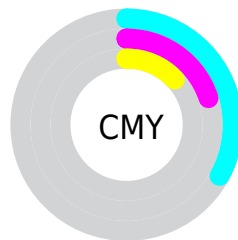


Cyan (23%)

Magenta (8%)

Yellow (0%)

Black (13%)



Cyan (33%)


Magenta (20%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7610, 0.2773, 0.3070 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 57.7610, 0.2773, 0.3070 by changing the saturation by 10% instead.


 57.7610, 0.2773,
0.3070

 57.7610, 0.2773,
0.3070

416.2948, 0.2942,
0.3177

 41.6165, 0.2733,
0.3044


 101.5747, 0.2833,
0.3108

 28.8011, 0.2684,
0.3011


130.0128, 0.2855,
0.3123

 18.9304, 0.2620,
0.2968


163.3175, 0.2875,
0.3135

 11.6200, 0.2534,
0.2910

201.8733, 0.2892,
0.3146

 6.4855, 0.2415,
0.2827

246.0645, 0.2907,
0.3156

 3.1425, 0.2238,
0.2699

296.2756, 0.2920,

 1.2066, 0.1949,

0.3164

0.2477

352.8909, 0.2931,
0.3171

0.0671, 0.0000,
0.0659

0.0000, 0.0000,
0.0000

57.7610, 0.2773,
0.3070

57.7610, 0.2773,
0.3070

51.7697, 0.2620,
0.2958

64.3705, 0.2929,
0.3173

46.3658, 0.2472,
0.2838

71.6135, 0.3084,
0.3265

41.5257, 0.2334,
0.2710

79.5135, 0.3235,
0.3349

37.2214, 0.2209,
0.2577

86.8839, 0.3339,
0.3425

■ 33.4217, 0.2101,
0.2441

■ 91.5384, 0.3329,
0.3501

■ 30.0908, 0.2013,
0.2304

■ 96.3961, 0.3319,
0.3576

■ 27.1863, 0.1947,
0.2169

■ 98.1079, 0.3315,
0.3601

■ 25.3223, 0.1909,
0.2074

Harmonies

Analogous

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



57.7610, 0.2794, 0.3217



57.7610, 0.2773, 0.3070



57.7610, 0.2843, 0.2987

Triad

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



57.7610, 0.2773, 0.3070



57.7610, 0.3355, 0.3188



57.7610, 0.3258, 0.3617

Complementary

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



57.7610, 0.2773, 0.3070



55.5265, 0.3550, 0.3500

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.



57.7610, 0.3414, 0.3598



57.7610, 0.2773, 0.3070



57.7610, 0.3472, 0.3346

Square

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



57.7610, 0.2773, 0.3070



57.7610, 0.3176, 0.3057



57.7610, 0.3494, 0.3496



57.7610, 0.3070, 0.3541

Rectangle

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



57.7610, 0.2773, 0.3070



57.7610, 0.2934, 0.2976



57.7610, 0.3494, 0.3496



57.7610, 0.3316, 0.3621

Sweetspot

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



57.7633, 0.2773, 0.3070



92.8096, 0.3019, 0.3227



65.2671, 0.2987, 0.3699



19.7368, 0.3009, 0.3222



0.0000, 0.0000, 0.0000



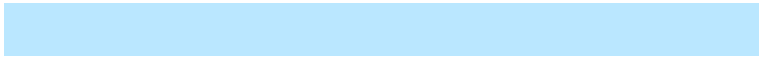
21.4041, 0.3127, 0.3290

Same Dimension

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



57.7633, 0.2773, 0.3070



74.6381, 0.2706, 0.3022



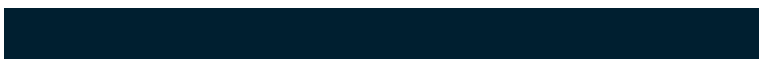
46.6264, 0.2748, 0.2749



14.7142, 0.2982, 0.3205



15.1089, 0.1915, 0.2094



1.2139, 0.1972, 0.2299

Inverse Universe

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



49.6229, 0.3303, 0.2915



62.1912, 0.3344, 0.2841



67.4544, 0.3488, 0.3778



13.8490, 0.3192, 0.3140



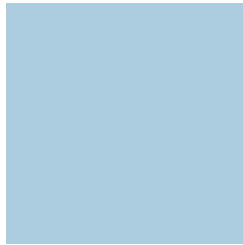
10.4333, 0.4348, 0.2169



0.7400, 0.4127, 0.2047

Previews

White Background



This preview shows how the Yxy color 57.7610, 0.2773, 0.3070 looks on a white background.

Color Contrast Check

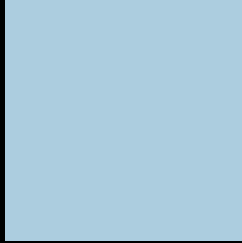
Large Text (above 18pt) WCAG AA × Fail

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 57.7610, 0.2773, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

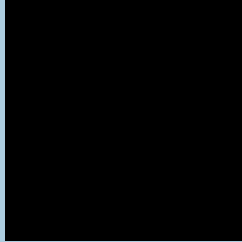
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

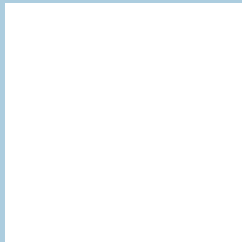
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7610, 0.2773, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 57.7610, 0.2773, 0.3070.

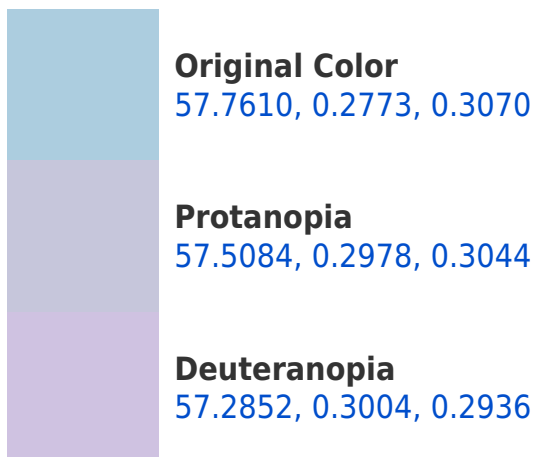


This preview shows how white text looks on a background with the Yxy color 57.7610, 0.2773, 0.3070.

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

57.7072, 0.2779, 0.3082

Trichromacy



Original Color

57.7610, 0.2773, 0.3070

Protanomaly

57.7594, 0.2906, 0.3064

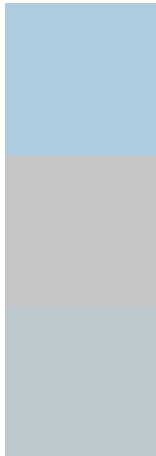
Deuteranomaly

57.2393, 0.2915, 0.2985

Tritanomaly

57.7072, 0.2779, 0.3082

Monochromacy



Original Color

57.7610, 0.2773, 0.3070

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.4562, 0.2993, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7610, 0.2773, 0.3070 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(172, 205, 223)` looks like.

```
.text, #text, p{  
    color:rgb(172, 205, 223)  
}
```

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(172, 205, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 205, 223) }
```

Border

The CSS property to change the border of an element to Yxy 57.7610, 0.2773, 0.3070 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(172, 205, 223) }
```

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

```
.border{ border-color:rgb(172, 205, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 205, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 205, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 205, 223);  
box-shadow:4px 4px 4px 4px rgb(172, 205,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7610, 0.2773, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 205, 223) }
```

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

```
.background{ background-color: rgb(172,  
205, 223) }
```

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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