

Converting Colors

Yxy(56.8024, 0.2590, 0.3068)

Have a look what the booklet for
Yxy(56.8024, 0.2590, 0.3068)
contains.

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Color

Yxy(57.0212, 0.2590, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	90D1E2
RGB	144, 209, 226
RGB Percent	56%, 82%, 89%
CMY	0.4349, 0.1805, 0.1137
CMYK	0.36, 0.08, 0.00, 0.11
HSL	192°, 59%, 73%
HSV	192°, 36%, 89%
XYZ	48.0432, 57.0212, 80.4307
YIQ	191.5030, -44.1970, -8.4930

Conversions

Conversions Part 2

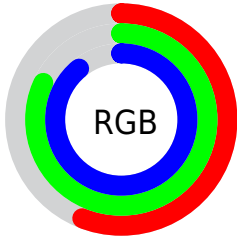
Format	Color
RYB	144, 180, 226
Decimal	9490914
CIELab	80.19, -16.33, -14.95
CIELCh	80, 22.135, 222.473
Yxy	57.0212, 0.2590, 0.3074
Android (android.graphics.Color)	4287680994 (0xFF90D1E2)
YUV	191.5030, 17.0070, -41.6601
Hunter-Lab	75.5124, -18.5796, -10.2930

Details

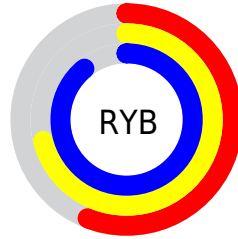
The Yxy color **57.0212, 0.2590, 0.3074** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.7211, 0.3929, 0.3493**, and the grayscale version is **52.3395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **28.1753, 0.2451, 0.2999** is the 20% darker color. If you saturate the color by 10%, you get **52.9151, 0.2461, 0.3004**, and if you desaturate by 10%, it is **61.6072, 0.2730, 0.3140**.

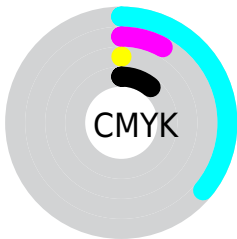
Distribution



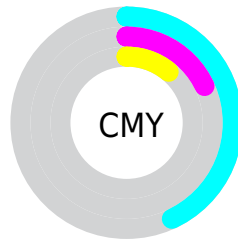
- Red (56%)
- Green (82%)
- Blue (89%)



- Red (56%)
- Yellow (71%)
- Blue (89%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)




- Cyan (43%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0212, 0.2590, 0.3074 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 57.0212, 0.2590, 0.3074 by changing the saturation by 10% instead.

 57.0212, 0.2590,
0.3074


 57.0212, 0.2590,
0.3074


413.5287, 0.2844,
0.3183

 41.0223, 0.2531,
0.3047


 100.4961, 0.2679,
0.3114

 28.3365, 0.2457,
0.3012


 128.7409, 0.2714,
0.3128

 18.5795, 0.2362,
0.2966


161.8364, 0.2743,
0.3141

 11.3668, 0.2238,
0.2902


200.1670, 0.2769,
0.3152

 6.3141, 0.2066,
0.2809

244.1172, 0.2791,
0.3161

 3.0370, 0.1816,
0.2663

294.0713, 0.2811,

 1.1511, 0.1410,

0.3169

0.2408

350.4137, 0.2829,
0.3177

0.0212, 0.0000,
0.0194

0.0000, 0.0000,
0.0000

57.0212, 0.2590,
0.3074

57.0212, 0.2590,
0.3074

52.9151, 0.2461,
0.3004

61.6072, 0.2730,
0.3140

49.2572, 0.2346,
0.2931

66.6893, 0.2878,
0.3201

46.0221, 0.2247,
0.2855

72.2912, 0.3031,
0.3258

43.1786, 0.2168,
0.2779

78.4328, 0.3185,
0.3309

■ 40.6905, 0.2109,
0.2702

■ 84.7310, 0.3324,
0.3355

■ 38.5125, 0.2068,
0.2627

■ 87.4183, 0.3318,
0.3401

■ 37.7449, 0.2055,
0.2598

■ 90.1769, 0.3313,
0.3446

■ 93.0072, 0.3307,
0.3492

■ 95.9100, 0.3302,
0.3536

Harmonies

Analogous

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



57.0212, 0.2703, 0.3339



57.0212, 0.2590, 0.3074



57.0212, 0.2613, 0.2886

Triad

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



57.0212, 0.2590, 0.3074



57.0212, 0.3314, 0.3004



57.0212, 0.3485, 0.3796

Complementary

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



57.0212, 0.2590, 0.3074



43.7211, 0.3929, 0.3493

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.



57.0212, 0.3665, 0.3675



57.0212, 0.2590, 0.3074



57.0212, 0.3566, 0.3221

Square

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



57.0212, 0.2590, 0.3074



57.0212, 0.3020, 0.2857



57.0212, 0.3696, 0.3463



57.0212, 0.3214, 0.3775

Rectangle

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



57.0212, 0.2590, 0.3074



57.0212, 0.2702, 0.2823



57.0212, 0.3696, 0.3463



57.0212, 0.3558, 0.3770

Sweetspot

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



57.0234, 0.2590, 0.3074



91.3992, 0.2957, 0.3231



62.8910, 0.2982, 0.4158



19.3491, 0.2936, 0.3223



0.0000, 0.0000, 0.0000



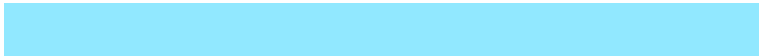
21.4041, 0.3127, 0.3290

Same Dimension

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



57.0234, 0.2590, 0.3074



71.1028, 0.2498, 0.3025



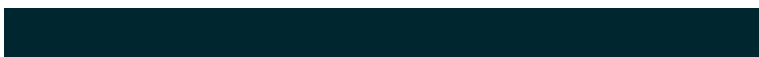
39.6851, 0.2514, 0.2534



15.0632, 0.2982, 0.3240



21.7078, 0.2059, 0.2610



1.6278, 0.2091, 0.2727

Inverse Universe

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



40.7506, 0.3325, 0.2563



47.4560, 0.3374, 0.2426



60.1642, 0.3762, 0.3943



13.8843, 0.3169, 0.3106



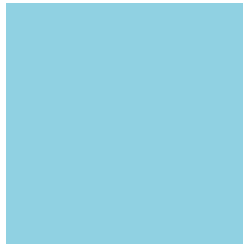
11.0995, 0.3814, 0.1875



0.7818, 0.3703, 0.1814

Previews

White Background



This preview shows how the Yxy color 57.0212, 0.2590, 0.3074 looks on a white background.

Color Contrast Check

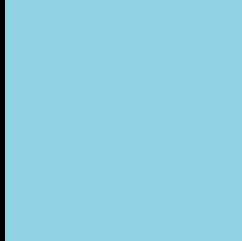
Large Text (above 18pt) WCAG AA × Fail

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 57.0212, 0.2590, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

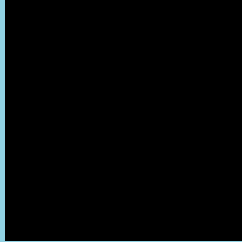
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0212, 0.2590, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 57.0212, 0.2590, 0.3074.



This preview shows how white text looks on a background with the Yxy color 57.0212, 0.2590, 0.3074.

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

57.0212, 0.2590, 0.3074

Protanopia

56.7302, 0.2970, 0.3042

Deuteranopia

56.3536, 0.2939, 0.2877



Tritanopia

57.0212, 0.2590, 0.3074

Trichromacy



Original Color

57.0212, 0.2590, 0.3074

Protanomaly

56.3409, 0.2815, 0.3046

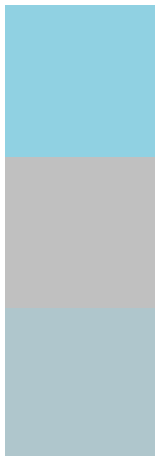
Deuteranomaly

56.2720, 0.2797, 0.2943

Tritanomaly

57.0212, 0.2590, 0.3074

Monochromacy



Original Color

57.0212, 0.2590, 0.3074

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.8618, 0.2910, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0212, 0.2590, 0.3074 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(144, 209, 226)` looks like.

```
.text, #text, p{  
    color:rgb(144, 209, 226)  
}
```

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(144, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 209, 226) }
```

Border

The CSS property to change the border of an element to Yxy 57.0212, 0.2590, 0.3074 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(144, 209, 226) }
```

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

```
.border{ border-color:rgb(144, 209, 226) }
```

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

Here you see how a box with a 4 pixel rgb(144, 209, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 209, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 209, 226);  
box-shadow:4px 4px 4px 4px rgb(144, 209,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0212, 0.2590, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 209, 226) }
```

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

```
.background{ background-color: rgb(144,  
209, 226) }
```

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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