

Converting Colors

Yxy(57.8443, 0.2589, 0.3066)

Have a look what the booklet for
Yxy(57.8443, 0.2589, 0.3066)
contains.

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Color

Yxy(57.7144, 0.2586, 0.3063)

Conversions

Conversions Part 1

Format	Color
Hex	91D2E4
RGB	145, 210, 228
RGB Percent	57%, 82%, 89%
CMY	0.4314, 0.1764, 0.1058
CMYK	0.36, 0.08, 0.00, 0.11
HSL	193°, 61%, 73%
HSV	193°, 36%, 89%
XYZ	48.7266, 57.7144, 81.9835
YIQ	192.6170, -44.5180, -8.1820

Conversions

Conversions Part 2

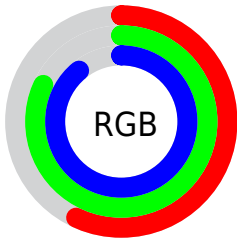
Format	Color
RYB	145, 181, 228
Decimal	9556708
CIELab	80.58, -16.12, -15.43
CIELCh	81, 22.317, 223.752
Yxy	57.7144, 0.2586, 0.3063
Android (android.graphics.Color)	4287746788 (0xFF91D2E4)
YUV	192.6170, 17.4438, -41.7601
Hunter-Lab	75.9700, -18.4590, -10.8042

Details

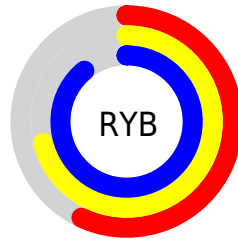
The Yxy color **57.7144, 0.2586, 0.3063** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.7341, 0.3931, 0.3503**, and the grayscale version is **53.0070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **28.6335, 0.2447, 0.2985** is the 20% darker color. If you saturate the color by 10%, you get **53.4442, 0.2456, 0.2990**, and if you desaturate by 10%, it is **62.4803, 0.2727, 0.3132**.

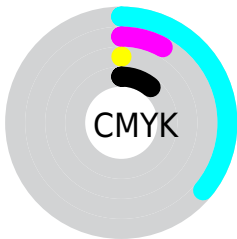
Distribution



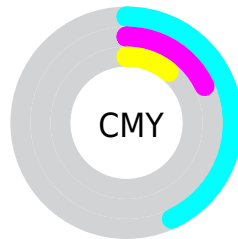
- Red (57%)
- Green (82%)
- Blue (89%)



- Red (57%)
- 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 57.7144, 0.2586, 0.3063 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 57.7144, 0.2586, 0.3063 by changing the saturation by 10% instead.

■ 57.7144, 0.2586,
0.3063

■ 57.7144, 0.2586,
0.3063

■ 416.1209, 0.2842,
0.3177

■ 41.5791, 0.2527,
0.3035

■ 101.5068, 0.2676,
0.3104

■ 28.7718, 0.2453,
0.2999

■ 129.9328, 0.2710,
0.3120

■ 18.9083, 0.2358,
0.2951

■ 163.2243, 0.2740,
0.3133

■ 11.6040, 0.2234,
0.2885

■ 201.7660, 0.2766,
0.3144

■ 6.4747, 0.2063,
0.2790

■ 245.9420, 0.2788,
0.3154

■ 3.1358, 0.1816,
0.2640

■ 296.1370, 0.2808,

■ 1.2030, 0.1425,

0.3163

0.2381

352.7351, 0.2826,
0.3170

■ 0.0642, 0.0000,
0.0524

■ 0.0000, 0.0000,
0.0000

■ 57.7144, 0.2586,
0.3063

■ 57.7144, 0.2586,
0.3063

■ 53.4442, 0.2456,
0.2990

■ 62.4803, 0.2727,
0.3132

■ 49.6372, 0.2340,
0.2913

■ 67.7586, 0.2875,
0.3196

■ 46.2674, 0.2241,
0.2834

■ 73.5737, 0.3028,
0.3255

■ 43.3026, 0.2161,
0.2754

■ 79.9459, 0.3182,
0.3309

■ 40.7056, 0.2100,
0.2673

■ 86.1294, 0.3308,
0.3357

■ 38.4296, 0.2058,
0.2594

■ 88.9973, 0.3303,
0.3405

■ 37.6640, 0.2046,
0.2566

■ 91.9445, 0.3297,
0.3453

■ 94.9717, 0.3291,
0.3500

■ 98.0795, 0.3286,
0.3547

Harmonies

Analogous

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



57.7144, 0.2693, 0.3327



57.7144, 0.2586, 0.3063



57.7144, 0.2615, 0.2879

Triad

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



57.7144, 0.2586, 0.3063



57.7144, 0.3327, 0.3011



57.7144, 0.3476, 0.3801

Complementary

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



57.7144, 0.2586, 0.3063



44.7341, 0.3931, 0.3503

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.



57.7144, 0.3662, 0.3684



57.7144, 0.2586, 0.3063



57.7144, 0.3576, 0.3231

Square

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



57.7144, 0.2586, 0.3063



57.7144, 0.3032, 0.2860



57.7144, 0.3701, 0.3474



57.7144, 0.3201, 0.3772

Rectangle

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



57.7144, 0.2586, 0.3063



57.7144, 0.2708, 0.2819



57.7144, 0.3701, 0.3474



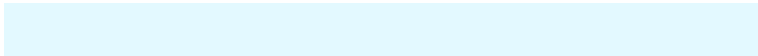
57.7144, 0.3551, 0.3776

Sweetspot

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



57.7167, 0.2586, 0.3063



91.2416, 0.2957, 0.3228



64.1589, 0.2974, 0.4145



19.3113, 0.2936, 0.3220



0.0000, 0.0000, 0.0000



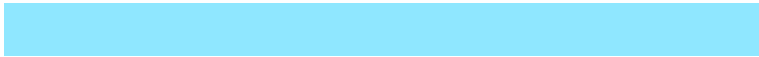
21.4041, 0.3127, 0.3290

Same Dimension

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



57.7167, 0.2586, 0.3063



70.0034, 0.2483, 0.3006



39.8147, 0.2508, 0.2510



15.7779, 0.2981, 0.3238



21.9255, 0.2049, 0.2578



1.7523, 0.2082, 0.2694

Inverse Universe

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



41.3962, 0.3333, 0.2567



46.5952, 0.3391, 0.2416



61.9610, 0.3760, 0.3961



14.5589, 0.3171, 0.3108



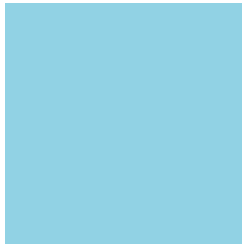
11.4111, 0.3846, 0.1892



0.8566, 0.3734, 0.1831

Previews

White Background



This preview shows how the Yxy color 57.7144, 0.2586, 0.3063 looks on a white background.

Color Contrast Check

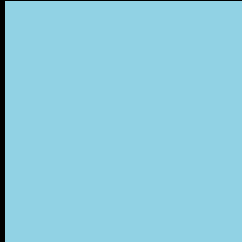
Large Text (above 18pt) WCAG AA × Fail

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 57.7144, 0.2586, 0.3063 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 57.7144, 0.2586, 0.3063

Background



This preview shows how black text looks on a background with the Yxy color 57.7144, 0.2586, 0.3063.



This preview shows how white text looks on a background with the Yxy color 57.7144, 0.2586, 0.3063.

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

57.7144, 0.2586, 0.3063

Protanopia

57.4258, 0.2964, 0.3032

Deuteranopia

57.0496, 0.2933, 0.2868



Tritanopia

57.6590, 0.2592, 0.3075

Trichromacy



Original Color

57.7144, 0.2586, 0.3063

Protanomaly

57.0338, 0.2810, 0.3036

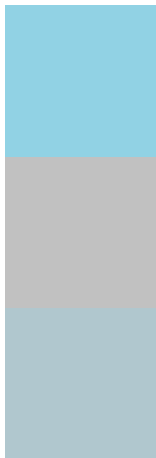
Deuteranomaly

56.9668, 0.2792, 0.2933

Tritanomaly

57.6590, 0.2592, 0.3075

Monochromacy



Original Color

57.7144, 0.2586, 0.3063

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.5332, 0.2905, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7144, 0.2586, 0.3063 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(145, 210, 228)` looks like.

```
.text, #text, p{  
    color:rgb(145, 210, 228)  
}
```

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(145, 210, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 210, 228) }
```

Border

The CSS property to change the border of an element to Yxy 57.7144, 0.2586, 0.3063 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(145, 210, 228) }
```

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

```
.border{ border-color:rgb(145, 210, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 210, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 210, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 210, 228); box-shadow:4px 4px 4px 4px rgb(145, 210, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7144, 0.2586, 0.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 210, 228) }
```

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

```
.background{ background-color: rgb(145,  
210, 228) }
```

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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