

Converting Colors

$Yxy(58.0183, 0.2673, 0.3127)$

Have a look what the booklet for
Yxy(58.0183, 0.2673, 0.3127)
contains.

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Color

Yxy(57.8434, 0.2676, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	9BD1DE
RGB	155, 209, 222
RGB Percent	61%, 82%, 87%
CMY	0.3921, 0.1804, 0.1296
CMYK	0.30, 0.06, 0.00, 0.13
HSL	192°, 50%, 74%
HSV	192°, 30%, 87%
XYZ	49.5008, 57.8434, 77.6363
YIQ	194.3360, -36.3570, -7.4050

Conversions

Conversions Part 2

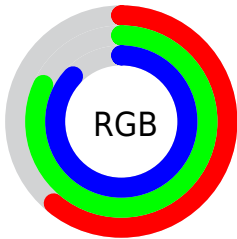
Format	Color
R _{YB}	155, 185, 222
Decimal	10211806
CIE _{Lab}	80.65, -14.32, -12.03
CIE _{LCh}	81, 18.707, 220.039
Y _{xy}	57.8434, 0.2676, 0.3127
Android (android.graphics.Color)	4288401886 (0xFF9BD1DE)
YUV	194.3360, 13.6384, -34.4977
Hunter-Lab	76.0548, -16.9181, -7.2845

Details

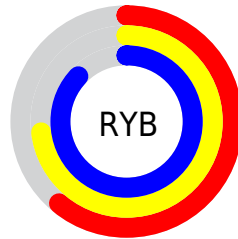
The Yxy color **57.8434, 0.2676, 0.3127** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.8871, 0.3757, 0.3446**, and the grayscale version is **54.0938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **28.9994, 0.2561, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **53.7674, 0.2541, 0.3064**, and if you desaturate by 10%, it is **62.3845, 0.2820, 0.3186**.

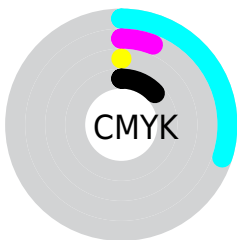
Distribution



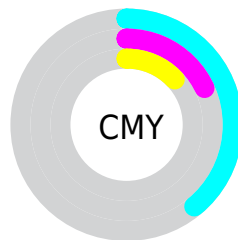
- Red (61%)
- Green (82%)
- Blue (87%)



- Red (61%)
- Yellow (73%)
- Blue (87%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (39%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8434, 0.2676, 0.3127 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 57.8434, 0.2676, 0.3127 by changing the saturation by 10% instead.

■ 57.8434, 0.2676,
0.3127

■ 57.8434, 0.2676,
0.3127

■ 416.6022, 0.2890,
0.3209

■ 41.6828, 0.2626,
0.3107

■ 101.6948, 0.2751,
0.3157

■ 28.8530, 0.2563,
0.3080

■ 130.1543, 0.2780,
0.3168

■ 18.9696, 0.2483,
0.3046

■ 163.4823, 0.2805,
0.3177

■ 11.6483, 0.2377,
0.2998

■ 202.0630, 0.2827,
0.3186

■ 6.5047, 0.2229,
0.2928

■ 246.2810, 0.2845,
0.3193

■ 3.1543, 0.2012,
0.2816

■ 296.5206, 0.2862,

■ 1.2128, 0.1663,

0.3199

0.2615

353.1662, 0.2877,
0.3204

0.0721, 0.0000,
0.0727

0.0000, 0.0000,
0.0000

57.8434, 0.2676,
0.3127

57.8434, 0.2676,
0.3127

53.7674, 0.2541,
0.3064

62.3845, 0.2820,
0.3186

50.1271, 0.2419,
0.2998

67.4047, 0.2971,
0.3240

46.9000, 0.2312,
0.2930

72.9258, 0.3125,
0.3289

44.0585, 0.2223,
0.2859

78.9661, 0.3279,
0.3334

■ 41.5715, 0.2153,
0.2788

■ 83.3969, 0.3354,
0.3376

■ 39.4016, 0.2103,
0.2718

■ 85.8244, 0.3348,
0.3418

■ 37.5122, 0.2069,
0.2649

■ 88.3114, 0.3342,
0.3460

■ 90.8582, 0.3337,
0.3501

■ 93.4652, 0.3331,
0.3542

Harmonies

Analogous

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



57.8434, 0.2781, 0.3351



57.8434, 0.2676, 0.3127



57.8434, 0.2686, 0.2960

Triad

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



57.8434, 0.2676, 0.3127



57.8434, 0.3266, 0.3035



57.8434, 0.3445, 0.3711

Complementary

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



57.8434, 0.2676, 0.3127



45.8871, 0.3757, 0.3446

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.



57.8434, 0.3586, 0.3605



57.8434, 0.2676, 0.3127



57.8434, 0.3482, 0.3217

Square

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



57.8434, 0.2676, 0.3127



57.8434, 0.3019, 0.2916



57.8434, 0.3601, 0.3423



57.8434, 0.3222, 0.3701

Rectangle

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



57.8434, 0.2676, 0.3127



57.8434, 0.2756, 0.2900



57.8434, 0.3601, 0.3423



57.8434, 0.3504, 0.3687

Sweetspot

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



57.8457, 0.2676, 0.3127



93.1026, 0.2988, 0.3245



61.9941, 0.3012, 0.4004



19.7006, 0.2965, 0.3238



0.0000, 0.0000, 0.0000



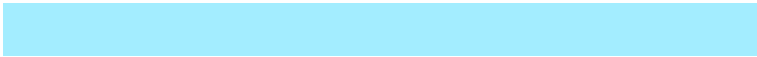
21.4041, 0.3127, 0.3290

Same Dimension

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



57.8457, 0.2676, 0.3127



75.7300, 0.2592, 0.3089



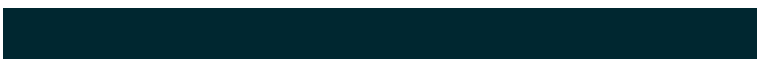
43.3780, 0.2627, 0.2696



15.0978, 0.2982, 0.3244



22.4469, 0.2072, 0.2660



1.6729, 0.2102, 0.2768

Inverse Universe

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



43.5760, 0.3276, 0.2676



53.6534, 0.3314, 0.2551



59.5541, 0.3647, 0.3819



13.8878, 0.3167, 0.3103



11.1741, 0.3767, 0.1849



0.7863, 0.3665, 0.1793

Previews

White Background



This preview shows how the Yxy color 57.8434, 0.2676, 0.3127 looks on a white background.

Color Contrast Check

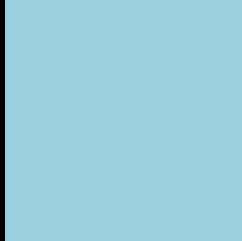
Large Text (above 18pt) WCAG AA × Fail

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 57.8434, 0.2676, 0.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

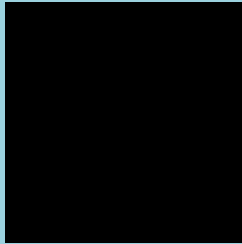
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

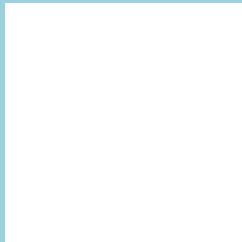
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8434, 0.2676, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 57.8434, 0.2676, 0.3127.



This preview shows how white text looks on a background with the Yxy color 57.8434, 0.2676, 0.3127.

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

57.8434, 0.2676, 0.3127

Protanopia

57.3002, 0.3006, 0.3090

Deuteranopia

57.2852, 0.3004, 0.2936



Tritanopia

57.6159, 0.2663, 0.3078

Trichromacy



Original Color

57.8434, 0.2676, 0.3127

Protanomaly

57.2481, 0.2870, 0.3096

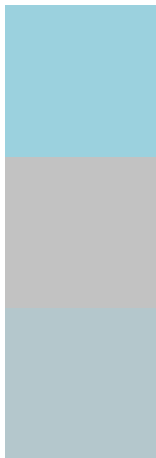
Deuteranomaly

56.9200, 0.2872, 0.2993

Tritanomaly

57.5615, 0.2669, 0.3090

Monochromacy



Original Color

57.8434, 0.2676, 0.3127

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.9098, 0.2947, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8434, 0.2676, 0.3127 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(155, 209, 222)` looks like.

```
.text, #text, p{  
    color:rgb(155, 209, 222)  
}
```

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(155, 209, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 209, 222) }
```

Border

The CSS property to change the border of an element to Yxy 57.8434, 0.2676, 0.3127 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(155, 209, 222) }
```

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

```
.border{ border-color:rgb(155, 209, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 209, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 209, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 209, 222); box-shadow:4px 4px 4px 4px rgb(155, 209, 222) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 57.8434, 0.2676, 0.3127$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 209, 222) }
```

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

```
.background{ background-color: rgb(155,  
209, 222) }
```

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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