

Converting Colors

Yxy(57.6135, 0.2554, 0.3026)

Have a look what the booklet for
Yxy(57.6135, 0.2554, 0.3026)
contains.

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Color

Yxy(57.6135, 0.2554, 0.3026)

Conversions

Conversions Part 1

Format	Color
Hex	8ED2E7
RGB	142, 210, 231
RGB Percent	56%, 82%, 91%
CMY	0.4431, 0.1765, 0.0941
CMYK	0.39, 0.09, 0.00, 0.09
HSL	194°, 65%, 73%
HSV	194°, 39%, 91%
XYZ	48.6269, 57.6135, 84.1546
YIQ	192.0620, -47.2690, -7.8850

Conversions

Conversions Part 2

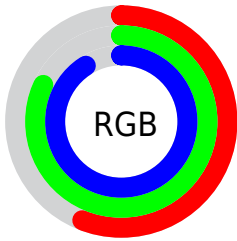
Format	Color
RYB	142, 181, 231
Decimal	9360103
CIELab	80.52, -16.15, -17.12
CIELCh	81, 23.538, 226.672
Yxy	57.6135, 0.2554, 0.3026
Android (android.graphics.Color)	4287550183 (0xFF8ED2E7)
YUV	192.0620, 19.1964, -43.9044
Hunter-Lab	75.9036, -18.4770, -12.6025

Details

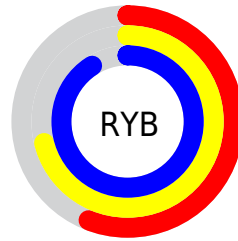
The Yxy color **57.6135, 0.2554, 0.3026** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.1402, 0.3989, 0.3535**, and the grayscale version is **52.6599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **28.5641, 0.2416, 0.2951** is the 20% darker color. If you saturate the color by 10%, you get **53.1339, 0.2424, 0.2945**, and if you desaturate by 10%, it is **62.6126, 0.2695, 0.3103**.

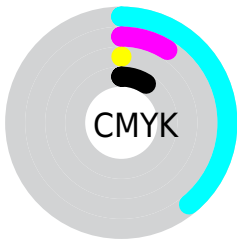
Distribution



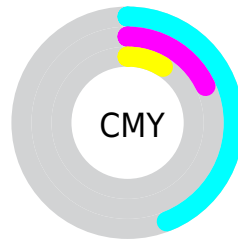
- Red (56%)
- Green (82%)
- Blue (91%)



- Red (56%)
- Yellow (71%)
- Blue (91%)



- Cyan (39%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)





- Cyan (44%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6135, 0.2554, 0.3026 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 57.6135, 0.2554, 0.3026 by changing the saturation by 10% instead.


 57.6135, 0.2554,
0.3026

 57.6135, 0.2554,
0.3026

415.7442, 0.2824,
0.3158

 41.4980, 0.2491,
0.2993

 101.3598, 0.2649,
0.3074

 28.7084, 0.2413,
0.2952


 129.7594, 0.2685,
0.3092

 18.8604, 0.2314,
0.2897


163.0225, 0.2717,
0.3107

 11.5694, 0.2184,
0.2822

201.5335, 0.2744,
0.3120

 6.4512, 0.2005,
0.2714

245.6768, 0.2768,
0.3132

 3.1213, 0.1749,
0.2546

295.8367, 0.2789,

 1.1954, 0.1348,

0.3141

0.2261

352.3977, 0.2808,
0.3150

0.0579, 0.0000,
0.0429

0.0000, 0.0000,
0.0000

57.6135, 0.2554,
0.3026

57.6135, 0.2554,
0.3026

53.1339, 0.2424,
0.2945

62.6126, 0.2695,
0.3103

49.1398, 0.2309,
0.2860

68.1495, 0.2843,
0.3174

45.6033, 0.2211,
0.2773

74.2495, 0.2996,
0.3239

42.4902, 0.2132,
0.2685

80.9343, 0.3150,
0.3298

■ 39.7601, 0.2073,
0.2597

■ 87.7441, 0.3286,
0.3352

■ 37.3546, 0.2033,
0.2510

■ 90.9528, 0.3280,
0.3405

■ 37.0139, 0.2027,
0.2497

■ 94.2582, 0.3275,
0.3457

■ 97.6613, 0.3269,
0.3509

■ 98.5493, 0.3268,
0.3522

Harmonies

Analogous

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



57.6135, 0.2653, 0.3299



57.6135, 0.2554, 0.3026



57.6135, 0.2598, 0.2843

Triad

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



57.6135, 0.2554, 0.3026



57.6135, 0.3367, 0.3017



57.6135, 0.3469, 0.3834

Complementary

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



57.6135, 0.2554, 0.3026



45.1402, 0.3989, 0.3535

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.



57.6135, 0.3678, 0.3722



57.6135, 0.2554, 0.3026



57.6135, 0.3621, 0.3252

Square

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



57.6135, 0.2554, 0.3026



57.6135, 0.3056, 0.2849



57.6135, 0.3736, 0.3507



57.6135, 0.3174, 0.3789

Rectangle

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



57.6135, 0.2554, 0.3026



57.6135, 0.2704, 0.2790



57.6135, 0.3736, 0.3507



57.6135, 0.3552, 0.3812

Sweetspot

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



57.6157, 0.2554, 0.3026



90.1310, 0.2941, 0.3217



65.5381, 0.2958, 0.4185



19.0756, 0.2921, 0.3208



0.0000, 0.0000, 0.0000



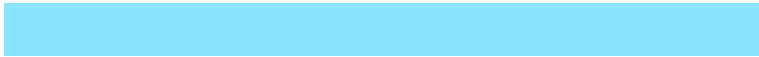
21.4041, 0.3127, 0.3290

Same Dimension

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



57.6157, 0.2554, 0.3026



67.7132, 0.2453, 0.2964



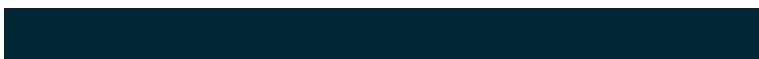
38.7016, 0.2466, 0.2436



15.7296, 0.2981, 0.3233



20.9512, 0.2031, 0.2511



1.6879, 0.2066, 0.2638

Inverse Universe

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



40.9928, 0.3364, 0.2542



44.9149, 0.3427, 0.2398



63.6974, 0.3796, 0.4015



14.5540, 0.3174, 0.3112



11.3128, 0.3911, 0.1928



0.8501, 0.3787, 0.1860

Previews

White Background



This preview shows how the Yxy color 57.6135, 0.2554, 0.3026 looks on a white background.

Color Contrast Check

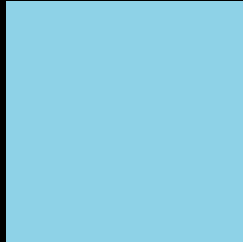
Large Text (above 18pt) WCAG AA × Fail

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 57.6135, 0.2554, 0.3026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

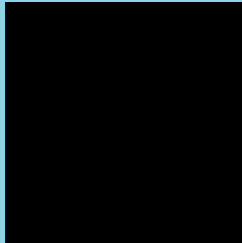
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6135, 0.2554, 0.3026

Background



This preview shows how black text looks on a background with the Yxy color 57.6135, 0.2554, 0.3026.



This preview shows how white text looks on a background with the Yxy color 57.6135, 0.2554, 0.3026.

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

57.6135, 0.2554, 0.3026

Protanopia

57.3180, 0.2929, 0.2997

Deuteranopia

56.9416, 0.2898, 0.2834



Tritanopia

57.8527, 0.2566, 0.3075

Trichromacy



Original Color

57.6135, 0.2554, 0.3026

Protanomaly

56.9622, 0.2778, 0.3000

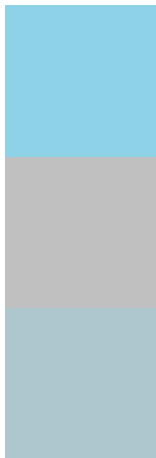
Deuteranomaly

56.8950, 0.2760, 0.2898

Tritanomaly

57.9084, 0.2561, 0.3063

Monochromacy



Original Color

57.6135, 0.2554, 0.3026

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

54.3017, 0.2890, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6135, 0.2554, 0.3026 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(142, 210, 231)` looks like.

```
.text, #text, p{  
    color:rgb(142, 210, 231)  
}
```

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(142, 210, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 210, 231) }
```

Border

The CSS property to change the border of an element to Yxy 57.6135, 0.2554, 0.3026 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(142, 210, 231) }
```

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

```
.border{ border-color:rgb(142, 210, 231) }
```

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

Here you see how a box with a 4 pixel rgb(142, 210, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 210, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 210, 231);  
box-shadow:4px 4px 4px 4px rgb(142, 210,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6135, 0.2554, 0.3026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 210, 231) }
```

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

```
.background{ background-color: rgb(142,  
210, 231) }
```

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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