

Converting Colors

$Yxy(60.4640, 0.2581, 0.3139)$

Have a look what the booklet for
Yxy(60.4640, 0.2581, 0.3139)
contains.

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Color

Yxy(60.4640, 0.2581, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	8ED8E4
RGB	142, 216, 228
RGB Percent	56%, 85%, 89%
CMY	0.4431, 0.1529, 0.1059
CMYK	0.38, 0.05, 0.00, 0.11
HSL	188°, 61%, 73%
HSV	188°, 38%, 89%
XYZ	49.7157, 60.4640, 82.4422
YIQ	195.2420, -47.9560, -11.9560

Conversions

Conversions Part 2

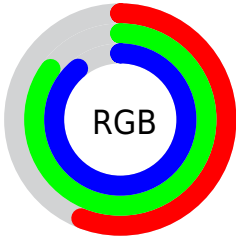
Format	Color
RYB	142, 182, 228
Decimal	9361636
CIELab	82.09, -19.94, -13.17
CIElCh	82, 23.896, 213.441
Yxy	60.4640, 0.2581, 0.3139
Android (android.graphics.Color)	4287551716 (0xFF8ED8E4)
YUV	195.2420, 16.1497, -46.6932
Hunter-Lab	77.7586, -21.9519, -8.4301

Details

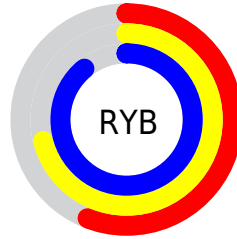
The Yxy color **60.4640, 0.2581, 0.3139** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.5603, 0.4001, 0.3433**, and the grayscale version is **54.6516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **30.5331, 0.2449, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **57.0379, 0.2461, 0.3093**, and if you desaturate by 10%, it is **64.3388, 0.2714, 0.3183**.

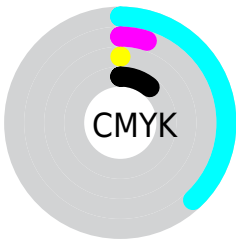
Distribution



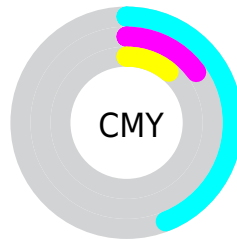
- Red (56%)
- Green (85%)
- Blue (89%)



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



- Cyan (38%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)





- Cyan (44%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4640, 0.2581, 0.3139 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 60.4640, 0.2581, 0.3139 by changing the saturation by 10% instead.

 60.4640, 0.2581,
0.3139


 60.4640, 0.2581,
0.3139

426.3060, 0.2837,
0.3216

 43.7927, 0.2522,
0.3119


 105.5025, 0.2670,
0.3167

 30.5076, 0.2449,
0.3094


 134.6385, 0.2705,
0.3178

 20.2242, 0.2355,
0.3060


168.6982, 0.2735,
0.3187

 12.5581, 0.2233,
0.3014

208.0659, 0.2761,
0.3195

 7.1250, 0.2066,
0.2945

253.1262, 0.2783,
0.3201

 3.5404, 0.1827,
0.2834

304.2634, 0.2803,

 1.4199, 0.1458,

0.3207

0.2636

361.8618, 0.2821,
0.3212

0.2313, 0.0000,
0.1630

0.0000, 0.0000,
0.0000

60.4640, 0.2581,
0.3139

60.4640, 0.2581,
0.3139

57.0379, 0.2461,
0.3093

64.3388, 0.2714,
0.3183

54.0279, 0.2357,
0.3044

68.6785, 0.2858,
0.3225

51.4081, 0.2271,
0.2995

73.5072, 0.3008,
0.3263

49.1465, 0.2204,
0.2945

78.8449, 0.3163,
0.3298

■ 47.2053, 0.2157,
0.2896

■ 84.5178, 0.3312,
0.3329

■ 45.5333, 0.2127,
0.2847

■ 86.3230, 0.3308,
0.3361

■ 45.1697, 0.2121,
0.2836

■ 88.1608, 0.3304,
0.3392

■ 90.0314, 0.3301,
0.3423

■ 91.9347, 0.3297,
0.3453

Harmonies

Analogous

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



60.4640, 0.2739, 0.3430



60.4640, 0.2581, 0.3139



60.4640, 0.2562, 0.2910

Triad

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



60.4640, 0.2581, 0.3139



60.4640, 0.3231, 0.2932



60.4640, 0.3576, 0.3801

Complementary

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



60.4640, 0.2581, 0.3139



41.5603, 0.4001, 0.3433

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.



60.4640, 0.3724, 0.3636



60.4640, 0.2581, 0.3139



60.4640, 0.3522, 0.3143

Square

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



60.4640, 0.2581, 0.3139



60.4640, 0.2925, 0.2806



60.4640, 0.3706, 0.3395



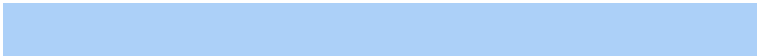
60.4640, 0.3310, 0.3829

Rectangle

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



60.4640, 0.2581, 0.3139



60.4640, 0.2628, 0.2819



60.4640, 0.3706, 0.3395



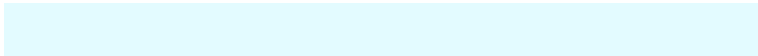
60.4640, 0.3642, 0.3758

Sweetspot

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



60.4664, 0.2581, 0.3139



92.5923, 0.2957, 0.3250



63.5506, 0.3009, 0.4280



19.6350, 0.2936, 0.3245



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.



60.4664, 0.2581, 0.3139



74.5486, 0.2489, 0.3104



41.4491, 0.2499, 0.2576



15.9756, 0.2981, 0.3256



26.2162, 0.2123, 0.2843



2.0320, 0.2143, 0.2915

Inverse Universe

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



40.8023, 0.3279, 0.2475



46.3212, 0.3317, 0.2320



58.1377, 0.3815, 0.3910



14.5788, 0.3159, 0.3090



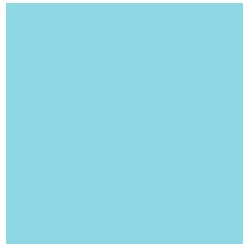
11.8443, 0.3595, 0.1754



0.8848, 0.3530, 0.1718

Previews

White Background



This preview shows how the Yxy color 60.4640, 0.2581, 0.3139 looks on a white background.

Color Contrast Check

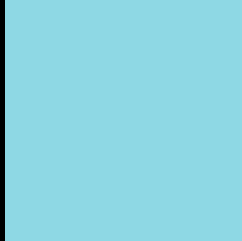
Large Text (above 18pt) WCAG AA × Fail

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 60.4640, 0.2581, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

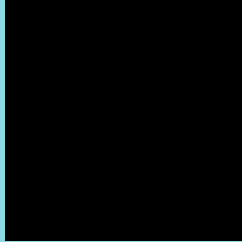
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4640, 0.2581, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 60.4640, 0.2581, 0.3139.



This preview shows how white text looks on a background with the Yxy color 60.4640, 0.2581, 0.3139.

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

60.4640, 0.2581, 0.3139

Protanopia

59.9121, 0.3008, 0.3093

Deuteranopia

59.9160, 0.2979, 0.2910



Tritanopia

60.3237, 0.2558, 0.3066

Trichromacy



Original Color

60.4640, 0.2581, 0.3139

Protanomaly

59.6029, 0.2834, 0.3110

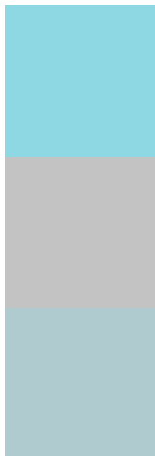
Deuteranomaly

59.7465, 0.2811, 0.2985

Tritanomaly

60.2100, 0.2569, 0.3090

Monochromacy



Original Color

60.4640, 0.2581, 0.3139

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.4470, 0.2900, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4640, 0.2581, 0.3139 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, 216, 228)` looks like.

```
.text, #text, p{  
    color:rgb(142, 216, 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(142, 216, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 216, 228) }
```

Border

The CSS property to change the border of an element to Yxy 60.4640, 0.2581, 0.3139 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, 216, 228) }
```

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

```
.border{ border-color:rgb(142, 216, 228) }
```

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

Here you see how a box with a 4 pixel rgb(142, 216, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 216, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 216, 228);  
box-shadow:4px 4px 4px 4px rgb(142, 216,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4640, 0.2581, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 216, 228) }
```

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

```
.background{ background-color: rgb(142,  
216, 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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