

Converting Colors

$Yxy(48.9787, 0.2588, 0.2965)$

Have a look what the booklet for
Yxy(48.9787, 0.2588, 0.2965)
contains.

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Color

Yxy(48.8646, 0.2587, 0.2960)

Conversions

Conversions Part 1

Format	Color
Hex	8DC1DA
RGB	141, 193, 218
RGB Percent	55%, 76%, 85%
CMY	0.4471, 0.2431, 0.1451
CMYK	0.35, 0.11, 0.00, 0.15
HSL	199°, 51%, 70%
HSV	199°, 35%, 85%
XYZ	42.7070, 48.8646, 73.5115
YIQ	180.3020, -39.0170, -3.2490

Conversions

Conversions Part 2

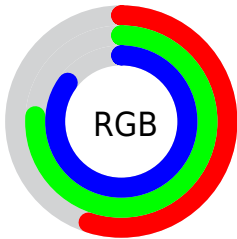
Format	Color
RYB	141, 172, 218
Decimal	9290202
CIELab	75.37, -10.86, -17.92
CIELCh	75, 20.958, 238.788
Yxy	48.8646, 0.2587, 0.2960
Android (android.graphics.Color)	4287480282 (0xFF8DC1DA)
YUV	180.3020, 18.5851, -34.4679
Hunter-Lab	69.9032, -13.2770, -13.4182

Details

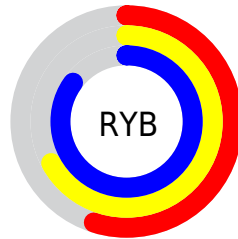
The Yxy color **48.8646, 0.2587, 0.2960** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.0932, 0.3861, 0.3595**, and the grayscale version is **45.7256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8417, 0.2784, 0.3226**, and **23.1358, 0.2442, 0.2857** is the 20% darker color. If you saturate the color by 10%, you get **44.0863, 0.2445, 0.2849**, and if you desaturate by 10%, it is **54.1725, 0.2737, 0.3064**.

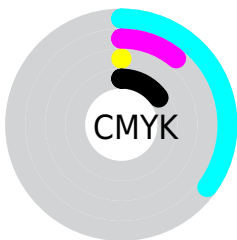
Distribution



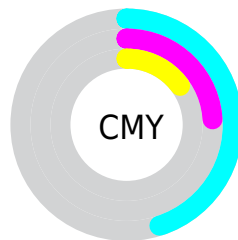
- Red (55%)
- Green (76%)
- Blue (85%)



- Red (55%)
- Yellow (67%)
- Blue (85%)



- Cyan (35%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (45%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.8646, 0.2587, 0.2960 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 48.8646, 0.2587, 0.2960 by changing the saturation by 10% instead.

■ 48.8646, 0.2587,
0.2960

■ 48.8646, 0.2587,
0.2960

■ 382.2090, 0.2850,
0.3127

■ 34.5121, 0.2524,
0.2918

■ 88.4903, 0.2681,
0.3021

■ 23.2873, 0.2445,
0.2865

■ 114.5323, 0.2716,
0.3043

■ 14.8058, 0.2342,
0.2794

■ 145.2396, 0.2747,
0.3063

■ 8.6832, 0.2203,
0.2695

■ 180.9966, 0.2773,
0.3079

■ 4.5351, 0.2008,
0.2551

■ 222.1876, 0.2796,
0.3093

■ 1.9772, 0.1716,
0.2321

■ 269.1971, 0.2816,

■ 0.5942, 0.0957,

0.3106

0.1899

322.4094, 0.2834,
0.3117

0.0000, 0.0000,
0.0000

48.8646, 0.2587,
0.2960

48.8646, 0.2587,
0.2960

44.0863, 0.2445,
0.2849

54.1725, 0.2737,
0.3064

39.8076, 0.2313,
0.2731

60.0266, 0.2891,
0.3160

36.0039, 0.2197,
0.2609

66.4497, 0.3045,
0.3247

32.6452, 0.2098,
0.2485

73.4615, 0.3198,
0.3326

29.6974, 0.2020,
0.2360

81.0805, 0.3347,
0.3396

■ 27.1189, 0.1962,
0.2237

■ 86.0007, 0.3373,
0.3464

■ 26.0084, 0.1939,
0.2181

■ 90.1434, 0.3363,
0.3533

■ 94.4492, 0.3353,
0.3600

■ 97.8421, 0.3345,
0.3651

Harmonies

Analogous

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



48.8646, 0.2627, 0.3189



48.8646, 0.2587, 0.2960



48.8646, 0.2683, 0.2832

Triad

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



48.8646, 0.2587, 0.2960



48.8646, 0.3461, 0.3117



48.8646, 0.3343, 0.3802

Complementary

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



48.8646, 0.2587, 0.2960



44.0932, 0.3861, 0.3595

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.



48.8646, 0.3581, 0.3755



48.8646, 0.2587, 0.2960



48.8646, 0.3654, 0.3353

Square

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



48.8646, 0.2587, 0.2960



48.8646, 0.3180, 0.2927



48.8646, 0.3698, 0.3585



48.8646, 0.3055, 0.3696

Rectangle

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



48.8646, 0.2587, 0.2960



48.8646, 0.2814, 0.2813



48.8646, 0.3698, 0.3585



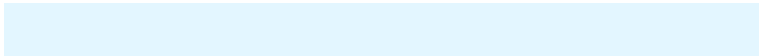
48.8646, 0.3432, 0.3803

Sweetspot

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



48.8665, 0.2587, 0.2960



89.3915, 0.2956, 0.3198



58.5356, 0.2932, 0.4003



18.8688, 0.2935, 0.3186



0.0000, 0.0000, 0.0000



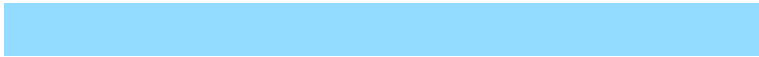
21.4041, 0.3127, 0.3290

Same Dimension

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



48.8665, 0.2587, 0.2960



64.8203, 0.2486, 0.2882



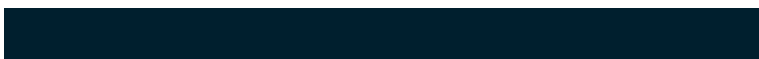
34.2006, 0.2515, 0.2432



14.0801, 0.2982, 0.3212



15.7845, 0.1944, 0.2199



1.1766, 0.1999, 0.2398

Inverse Universe

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



37.8013, 0.3407, 0.2679



47.5886, 0.3482, 0.2558



59.9583, 0.3708, 0.4021



13.1992, 0.3187, 0.3133



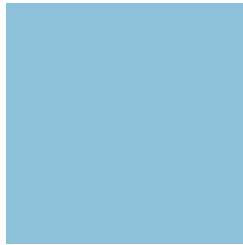
10.2172, 0.4234, 0.2106



0.6775, 0.4026, 0.1991

Previews

White Background



This preview shows how the Yxy color 48.8646, 0.2587, 0.2960 looks on a white background.

Color Contrast Check

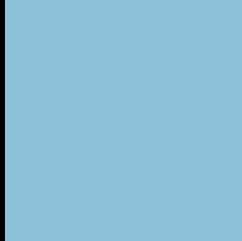
Large Text (above 18pt) WCAG AA × Fail

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 48.8646, 0.2587, 0.2960 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 48.8646, 0.2587, 0.2960

Background



This preview shows how black text looks on a background with the Yxy color 48.8646, 0.2587, 0.2960.



This preview shows how white text looks on a background with the Yxy color 48.8646, 0.2587, 0.2960.

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

48.8646, 0.2587, 0.2960

Protanopia

48.7377, 0.2887, 0.2940

Deuteranopia

48.7073, 0.2868, 0.2804



Tritanopia

48.7257, 0.2623, 0.3074

Trichromacy



Original Color

48.8646, 0.2587, 0.2960

Protanomaly

48.5027, 0.2771, 0.2945

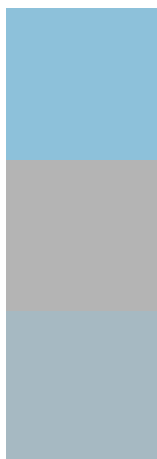
Deuteranomaly

48.4113, 0.2758, 0.2850

Tritanomaly

48.9631, 0.2612, 0.3036

Monochromacy



Original Color

48.8646, 0.2587, 0.2960

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.7000, 0.2906, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8646, 0.2587, 0.2960 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(141, 193, 218)` looks like.

```
.text, #text, p{  
    color:rgb(141, 193, 218)  
}
```

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(141, 193, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 193, 218) }
```

Border

The CSS property to change the border of an element to Yxy 48.8646, 0.2587, 0.2960 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(141, 193, 218) }
```

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

```
.border{ border-color:rgb(141, 193, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 193, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 193, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 193, 218);  
box-shadow:4px 4px 4px 4px rgb(141, 193,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8646, 0.2587, 0.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 193, 218) }
```

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

```
.background{ background-color: rgb(141,  
193, 218) }
```

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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