

Converting Colors

Yxy(57.9313, 0.2886, 0.3929)

Have a look what the booklet for
Yxy(57.9313, 0.2886, 0.3929)
contains.

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Color

Yxy(57.9313, 0.2886, 0.3929)

Conversions

Conversions Part 1

Format	Color
Hex	8AD9AA
RGB	138, 217, 170
RGB Percent	54%, 85%, 67%
CMY	0.4587, 0.1490, 0.3334
CMYK	0.36, 0.00, 0.22, 0.15
HSL	144°, 51%, 70%
HSV	144°, 36%, 85%
XYZ	42.5527, 57.9313, 46.9614
YIQ	188.0210, -31.9970, -31.3650

Conversions

Conversions Part 2

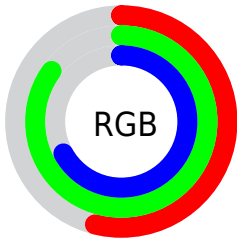
Format	Color
RYB	138, 194, 217
Decimal	9099690
CIELab	80.70, -34.31, 15.62
CIELCh	81, 37.698, 155.528
Yxy	57.9313, 0.2886, 0.3929
Android (android.graphics.Color)	4287289770 (0xFF8AD9AA)
YUV	188.0210, -8.8844, -43.8684
Hunter-Lab	76.1126, -33.4020, 16.6970

Details

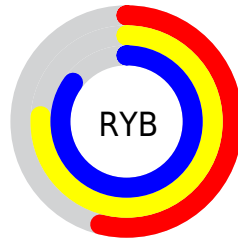
The Yxy color **57.9313, 0.2886, 0.3929** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **36.4437, 0.3483, 0.2731**, and the grayscale version is **50.3718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4256, 0.2928, 0.3616**, and **29.0335, 0.2812, 0.4114** is the 20% darker color. If you saturate the color by 10%, you get **55.7983, 0.2834, 0.4144**, and if you desaturate by 10%, it is **60.4870, 0.2947, 0.3729**.

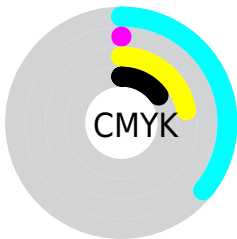
Distribution



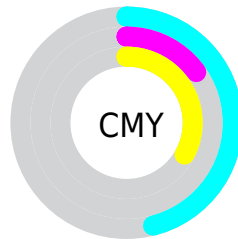
- Red (54%)
- Green (85%)
- Blue (67%)



- Red (54%)
- Yellow (76%)
- Blue (85%)



- Cyan (36%)
- Magenta (0%)
- Yellow (22%)
- Black (15%)





- Cyan (46%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9313, 0.2886, 0.3929 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 57.9313, 0.2886, 0.3929 by changing the saturation by 10% instead.


 57.9313, 0.2886,
0.3929

 57.9313, 0.2886,
0.3929


416.9299, 0.3009,
0.3608


 41.7534, 0.2855,
0.4010

 101.8228, 0.2931,
0.3812

 28.9083, 0.2814,
0.4113


 130.3052, 0.2948,
0.3768

 19.0114, 0.2760,
0.4252


 163.6580, 0.2962,
0.3731

 11.6785, 0.2684,
0.4445

202.2654, 0.2974,
0.3699

 6.5252, 0.2568,
0.4733

246.5119, 0.2985,
0.3672

 3.1670, 0.2375,
0.5204

296.7819, 0.2994,

 1.2195, 0.1690,

0.3648

0.7149

353.4597, 0.3002,
0.3626

0.0776, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.9313, 0.2886,
0.3929

57.9313, 0.2886,
0.3929

55.7983, 0.2834,
0.4144

60.4870, 0.2947,
0.3729

54.0572, 0.2793,
0.4372


63.4797, 0.3013,
0.3548

52.6844, 0.2768,
0.4605


66.9320, 0.3082,
0.3385

51.6509, 0.2761,
0.4837


70.8628, 0.3152,
0.3240


 50.9226, 0.2772,
0.5059

 75.2896, 0.3222,
0.3112

 50.4571, 0.2802,
0.5263

 77.6322, 0.3194,
0.2991

 50.3269, 0.2814,
0.5331

 78.1056, 0.3145,
0.2920

Harmonies

Analogous

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



57.9313, 0.3368, 0.4167



57.9313, 0.2886, 0.3929



57.9313, 0.2489, 0.3475

Triad

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



57.9313, 0.2886, 0.3929



57.9313, 0.2453, 0.2514



57.9313, 0.4070, 0.3461

Complementary

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



57.9313, 0.2886, 0.3929



36.4437, 0.3483, 0.2731

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.



57.9313, 0.3787, 0.3077



57.9313, 0.2886, 0.3929



57.9313, 0.2831, 0.2554

Square

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



57.9313, 0.2886, 0.3929



57.9313, 0.2256, 0.2662



57.9313, 0.3320, 0.2755



57.9313, 0.4071, 0.3836

Rectangle

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



57.9313, 0.2886, 0.3929



57.9313, 0.2319, 0.3149



57.9313, 0.3320, 0.2755



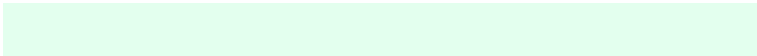
57.9313, 0.4005, 0.3330

Sweetspot

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



57.9337, 0.2886, 0.3929



94.0334, 0.3050, 0.3459



61.8275, 0.3421, 0.4272



19.9821, 0.3040, 0.3482



0.0000, 0.0000, 0.0000



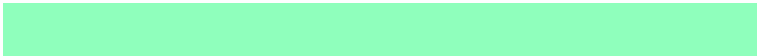
21.4041, 0.3127, 0.3290

Same Dimension

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



57.9337, 0.2886, 0.3929



80.9812, 0.2843, 0.4100



59.6405, 0.2662, 0.3391



14.6931, 0.3061, 0.3432



30.4850, 0.2807, 0.5304



1.9918, 0.2715, 0.4976

Inverse Universe

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



36.4437, 0.3483, 0.2731



45.4783, 0.3593, 0.2609



35.0121, 0.3915, 0.3195



13.1810, 0.3199, 0.3152



9.9140, 0.4552, 0.2281



0.6592, 0.4274, 0.2128

Previews

White Background



This preview shows how the Yxy color 57.9313, 0.2886, 0.3929 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 57.9313, 0.2886, 0.3929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

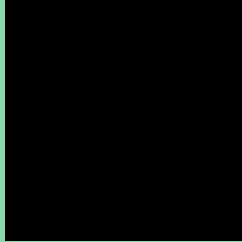
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9313, 0.2886, 0.3929

Background



This preview shows how black text looks on a background with the Yxy color 57.9313, 0.2886, 0.3929.



This preview shows how white text looks on a background with the Yxy color 57.9313, 0.2886, 0.3929.

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

57.9313, 0.2886, 0.3929

Protanopia

57.2689, 0.3513, 0.3745

Deuteranopia

57.1253, 0.3555, 0.3485



Tritanopia

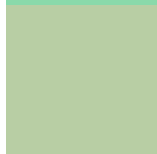
57.5759, 0.2624, 0.3076

Trichromacy



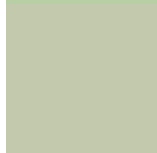
Original Color

57.9313, 0.2886, 0.3929



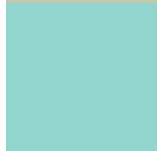
Protanomaly

57.0133, 0.3255, 0.3823



Deuteranomaly

56.3925, 0.3285, 0.3637



Tritanomaly

57.6542, 0.2717, 0.3366

Monochromacy



Original Color

57.9313, 0.2886, 0.3929



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

52.7291, 0.3031, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9313, 0.2886, 0.3929 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(138, 217, 170)` looks like.

```
.text, #text, p{  
    color:rgb(138, 217, 170)  
}
```

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(138, 217, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 217, 170) }
```

Border

The CSS property to change the border of an element to Yxy 57.9313, 0.2886, 0.3929 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(138, 217, 170) }
```

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

```
.border{ border-color:rgb(138, 217, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 217, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 217, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 217, 170);  
box-shadow:4px 4px 4px 4px rgb(138, 217,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9313, 0.2886, 0.3929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 217, 170) }
```

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

```
.background{ background-color: rgb(138,  
217, 170) }
```

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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