

Converting Colors

$Yxy(57.8619, 0.2789, 0.3574)$

Have a look what the booklet for
Yxy(57.8619, 0.2789, 0.3574)
contains.

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Color

Yxy(57.8282, 0.2789, 0.3580)

Conversions

Conversions Part 1

Format	Color
Hex	90D6C0
RGB	144, 214, 192
RGB Percent	56%, 84%, 75%
CMY	0.4356, 0.1607, 0.2471
CMYK	0.33, 0.00, 0.10, 0.16
HSL	161°, 46%, 70%
HSV	161°, 33%, 84%
XYZ	45.0511, 57.8282, 58.6520
YIQ	190.5620, -34.6580, -21.6820

Conversions

Conversions Part 2

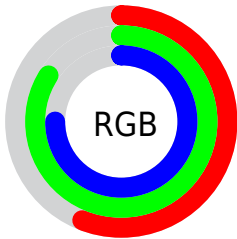
Format	Color
RYB	144, 186, 214
Decimal	9492160
CIELab	80.64, -26.72, 3.89
CIElCh	81, 27.003, 171.707
Yxy	57.8282, 0.2789, 0.3580
Android (android.graphics.Color)	4287682240 (0xFF90D6C0)
YUV	190.5620, 0.7089, -40.8349
Hunter-Lab	76.0449, -27.3302, 7.5021

Details

The Yxy color **57.8282, 0.2789, 0.3580** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.9722, 0.3642, 0.3021**, and the grayscale version is **51.8356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5767, 0.2841, 0.3363**, and **28.8845, 0.2701, 0.3650** is the 20% darker color. If you saturate the color by 10%, you get **55.7926, 0.2704, 0.3685**, and if you desaturate by 10%, it is **60.2473, 0.2885, 0.3482**.

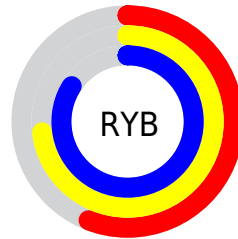
Distribution



Red (56%)

Green (84%)

Blue (75%)



Red (56%)

Yellow (73%)

Blue (84%)

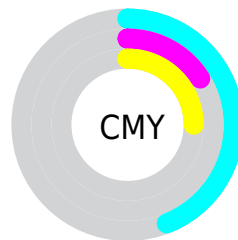


Cyan (33%)

Magenta (0%)

Yellow (10%)

Black (16%)



Cyan (44%)


Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8282, 0.2789, 0.3580 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 57.8282, 0.2789, 0.3580 by changing the saturation by 10% instead.


 57.8282, 0.2789,
0.3580

 57.8282, 0.2789,
0.3580


416.5455, 0.2953,
0.3438

 41.6705, 0.2750,
0.3615


 101.6726, 0.2847,
0.3529

 28.8434, 0.2700,
0.3659


 130.1282, 0.2870,
0.3510

 18.9624, 0.2635,
0.3716


163.4519, 0.2889,
0.3493

 11.6431, 0.2548,
0.3795

202.0280, 0.2905,
0.3479

 6.5012, 0.2423,
0.3910

246.2411, 0.2919,
0.3467

 3.1521, 0.2230,
0.4090

296.4754, 0.2932,

 1.2117, 0.1738,

0.3456

0.4503

353.1154, 0.2943,
0.3447

■ 0.0712, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8282, 0.2789,
0.3580

■ 57.8282, 0.2789,
0.3580

■ 55.7926, 0.2704,
0.3685

■ 60.2473, 0.2885,
0.3482

■ 54.1127, 0.2633,
0.3797

■ 63.0621, 0.2988,
0.3392

■ 52.7677, 0.2579,
0.3914

■ 66.2930, 0.3097,
0.3311

■ 51.7320, 0.2543,
0.4034

■ 69.9567, 0.3208,
0.3238

■ 50.9761, 0.2527,
0.4154

■ 74.0690, 0.3319,
0.3173

■ 50.4643, 0.2532,
0.4274

■ 75.2087, 0.3302,
0.3108

■ 50.2025, 0.2544,
0.4359

■ 75.5990, 0.3254,
0.3042

■ 76.0040, 0.3208,
0.2977

■ 76.4241, 0.3163,
0.2914

Harmonies

Analogous

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



57.8282, 0.3119, 0.3838



57.8282, 0.2789, 0.3580



57.8282, 0.2557, 0.3241

Triad

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



57.8282, 0.2789, 0.3580



57.8282, 0.2774, 0.2718



57.8282, 0.3829, 0.3580

Complementary

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



57.8282, 0.2789, 0.3580



36.9722, 0.3642, 0.3021

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.



57.8282, 0.3729, 0.3292



57.8282, 0.2789, 0.3580



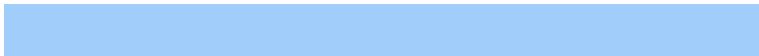
57.8282, 0.3104, 0.2814

Square

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



57.8282, 0.2789, 0.3580



57.8282, 0.2549, 0.2758



57.8282, 0.3458, 0.3019



57.8282, 0.3728, 0.3814

Rectangle

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



57.8282, 0.2789, 0.3580



57.8282, 0.2482, 0.3031



57.8282, 0.3458, 0.3019



57.8282, 0.3818, 0.3486

Sweetspot

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



57.8306, 0.2789, 0.3580



94.9750, 0.3017, 0.3370



58.2339, 0.3242, 0.4211



20.1885, 0.3001, 0.3382



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.



57.8306, 0.2789, 0.3580



83.9115, 0.2731, 0.3649



52.6296, 0.2642, 0.3121



14.0384, 0.3024, 0.3364



30.3575, 0.2539, 0.4342



1.8457, 0.2483, 0.4137

Inverse Universe

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



36.9722, 0.3642, 0.3021



48.4654, 0.3793, 0.2965



40.3467, 0.3831, 0.3451



12.4845, 0.3242, 0.3217



8.9045, 0.5697, 0.2912



0.5519, 0.5202, 0.2639

Previews

White Background



This preview shows how the Yxy color 57.8282, 0.2789, 0.3580 looks on a white background.

Color Contrast Check

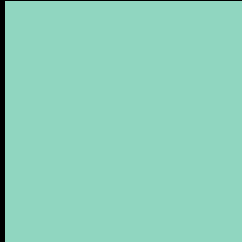
Large Text (above 18pt) WCAG AA × Fail

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 57.8282, 0.2789, 0.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

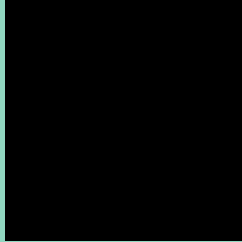
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

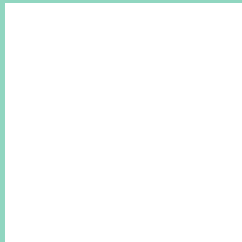
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8282, 0.2789, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 57.8282, 0.2789, 0.3580.



This preview shows how white text looks on a background with the Yxy color 57.8282, 0.2789, 0.3580.

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

57.8282, 0.2789, 0.3580

Protanopia

57.5729, 0.3303, 0.3469

Deuteranopia

57.1855, 0.3317, 0.3256



Tritanopia

57.7673, 0.2635, 0.3077

Trichromacy



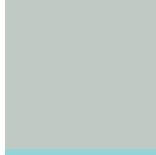
Original Color

57.8282, 0.2789, 0.3580



Protanomaly

56.9639, 0.3094, 0.3502



Deuteranomaly

56.9199, 0.3101, 0.3363



Tritanomaly

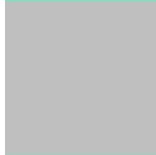
57.8331, 0.2688, 0.3251

Monochromacy



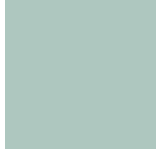
Original Color

57.8282, 0.2789, 0.3580



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

53.6071, 0.2992, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8282, 0.2789, 0.3580 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(144, 214, 192)` looks like.

```
.text, #text, p{  
    color:rgb(144, 214, 192)  
}
```

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(144, 214, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 214, 192) }
```

Border

The CSS property to change the border of an element to Yxy 57.8282, 0.2789, 0.3580 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(144, 214, 192) }
```

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

```
.border{ border-color:rgb(144, 214, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 214, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 214, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 214, 192); box-shadow:4px 4px 4px 4px rgb(144, 214, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8282, 0.2789, 0.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 214, 192) }
```

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

```
.background{ background-color: rgb(144,  
214, 192) }
```

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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