

Converting Colors

Yxy(57.9507, 0.2951, 0.3990)

Have a look what the booklet for
Yxy(57.9507, 0.2951, 0.3990)
contains.

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Color

Yxy(57.6680, 0.2947, 0.3982)

Conversions

Conversions Part 1

Format	Color
Hex	8FD8A5
RGB	143, 216, 165
RGB Percent	56%, 85%, 65%
CMY	0.4391, 0.1529, 0.3530
CMYK	0.34, 0.00, 0.24, 0.15
HSL	138°, 48%, 70%
HSV	138°, 34%, 85%
XYZ	42.6790, 57.6680, 44.4747
YIQ	188.3590, -27.1370, -31.3370

Conversions

Conversions Part 2

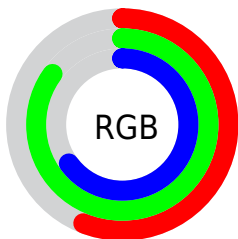
Format	Color
RYB	143, 199, 216
Decimal	9427109
CIELab	80.55, -33.30, 18.08
CIELCh	81, 37.892, 151.503
Yxy	57.6680, 0.2947, 0.3982
Android (android.graphics.Color)	4287617189 (0xFF8FD8A5)
YUV	188.3590, -11.5160, -39.7798
Hunter-Lab	75.9394, -32.5747, 18.4338

Details

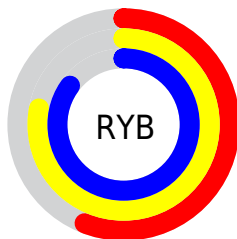
The Yxy color **57.6680, 0.2947, 0.3982** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.1516, 0.3374, 0.2688**, and the grayscale version is **50.5876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8294, 0.2983, 0.3669**, and **28.8557, 0.2893, 0.4186** is the 20% darker color. If you saturate the color by 10%, you get **55.4063, 0.2903, 0.4233**, and if you desaturate by 10%, it is **60.3706, 0.2997, 0.3751**.

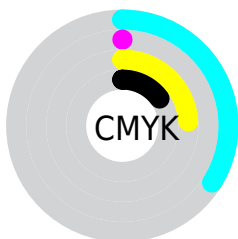
Distribution



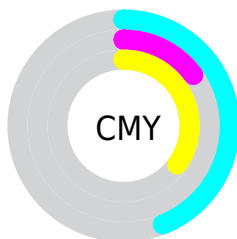
- Red (56%)
- Green (85%)
- Blue (65%)



- Red (56%)
- Yellow (78%)
- Blue (85%)



- Cyan (34%)
- Magenta (0%)
- Yellow (24%)
- Black (15%)





- Cyan (44%)
- Magenta (15%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6680, 0.2947, 0.3982 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 57.6680, 0.2947, 0.3982 by changing the saturation by 10% instead.

 57.6680, 0.2947,
0.3982


 57.6680, 0.2947,
0.3982

415.9477, 0.3042,
0.3633

 41.5418, 0.2922,
0.4070


 101.4392, 0.2982,
0.3855

 28.7427, 0.2889,
0.4183


 129.8531, 0.2995,
0.3807

 18.8862, 0.2845,
0.4334


163.1315, 0.3006,
0.3767

 11.5881, 0.2780,
0.4545

201.6591, 0.3015,
0.3732

 6.4639, 0.2680,
0.4860

245.8201, 0.3023,
0.3702

 3.1291, 0.2505,
0.5373

295.9989, 0.3030,

 1.1995, 0.1977,

0.3676

0.7969

352.5800, 0.3036,
0.3653

■ 0.0613, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6680, 0.2947,
0.3982

■ 57.6680, 0.2947,
0.3982

■ 55.4063, 0.2903,
0.4233

■ 60.3706, 0.2997,
0.3751

■ 53.5546, 0.2868,
0.4497

■ 63.5287, 0.3051,
0.3541

■ 52.0895, 0.2845,
0.4767

■ 67.1650, 0.3106,
0.3355

■ 50.9820, 0.2838,
0.5032

■ 71.2987, 0.3161,
0.3190

■ 50.1987, 0.2847,
0.5279

■ 75.9476, 0.3214,
0.3046

■ 49.6998, 0.2872,
0.5495

■ 77.5911, 0.3145,
0.2910

■ 49.4928, 0.2892,
0.5611

Harmonies

Analogous

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



57.6680, 0.3434, 0.4182



57.6680, 0.2947, 0.3982



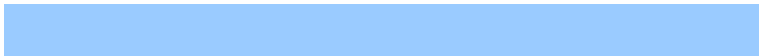
57.6680, 0.2529, 0.3543

Triad

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



57.6680, 0.2947, 0.3982



57.6680, 0.2411, 0.2518



57.6680, 0.4054, 0.3408

Complementary

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



57.6680, 0.2947, 0.3982



38.1516, 0.3374, 0.2688

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.



57.6680, 0.3736, 0.3027



57.6680, 0.2947, 0.3982



57.6680, 0.2769, 0.2534

Square

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



57.6680, 0.2947, 0.3982



57.6680, 0.2240, 0.2693



57.6680, 0.3253, 0.2717



57.6680, 0.4094, 0.3792

Rectangle

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



57.6680, 0.2947, 0.3982



57.6680, 0.2341, 0.3212



57.6680, 0.3253, 0.2717



57.6680, 0.3975, 0.3277

Sweetspot

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



57.6704, 0.2947, 0.3982



94.3850, 0.3072, 0.3470



62.5793, 0.3459, 0.4180



20.0459, 0.3064, 0.3497



0.0000, 0.0000, 0.0000



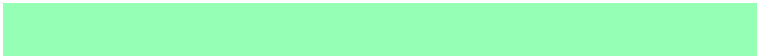
21.4041, 0.3127, 0.3290

Same Dimension

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



57.6704, 0.2947, 0.3982



81.4206, 0.2913, 0.4171



59.1902, 0.2732, 0.3479



13.9569, 0.3075, 0.3457



29.3119, 0.2884, 0.5584



1.7825, 0.2786, 0.5230

Inverse Universe

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



38.1516, 0.3374, 0.2688



48.5734, 0.3448, 0.2553



36.7105, 0.3755, 0.3113



12.5661, 0.3183, 0.3128



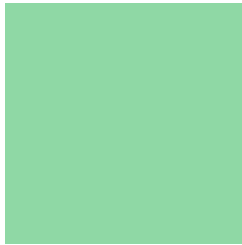
9.9835, 0.4143, 0.2056



0.6165, 0.3944, 0.1946

Previews

White Background



This preview shows how the Yxy color 57.6680, 0.2947, 0.3982 looks on a white background.

Color Contrast Check

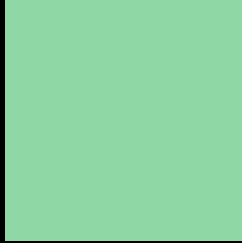
Large Text (above 18pt) WCAG AA × Fail

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 57.6680, 0.2947, 0.3982 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 57.6680, 0.2947, 0.3982

Background



This preview shows how black text looks on a background with the Yxy color 57.6680, 0.2947, 0.3982.



This preview shows how white text looks on a background with the Yxy color 57.6680, 0.2947, 0.3982.

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

57.6680, 0.2947, 0.3982

Protanopia

57.2782, 0.3552, 0.3792

Deuteranopia

57.0955, 0.3605, 0.3542



Tritanopia

57.5166, 0.2657, 0.3077

Trichromacy



Original Color

57.6680, 0.2947, 0.3982



Protanomaly

56.7655, 0.3309, 0.3859



Deuteranomaly

56.4708, 0.3338, 0.3698



Tritanomaly

57.4796, 0.2764, 0.3392

Monochromacy



Original Color

57.6680, 0.2947, 0.3982



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

52.4541, 0.3054, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6680, 0.2947, 0.3982 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(143, 216, 165)` looks like.

```
.text, #text, p{  
    color:rgb(143, 216, 165)  
}
```

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(143, 216, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 216, 165) }
```

Border

The CSS property to change the border of an element to Yxy 57.6680, 0.2947, 0.3982 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(143, 216, 165) }
```

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

```
.border{ border-color:rgb(143, 216, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 216, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 216, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 216, 165);  
box-shadow:4px 4px 4px 4px rgb(143, 216,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6680, 0.2947, 0.3982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 216, 165) }
```

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

```
.background{ background-color: rgb(143,  
216, 165) }
```

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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