

Converting Colors

$Yxy(56.7473, 0.2977, 0.4051)$

Have a look what the booklet for
Yxy(56.7473, 0.2977, 0.4051)
contains.

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Color

Yxy(56.8549, 0.2976, 0.4057)

Conversions

Conversions Part 1

Format	Color
Hex	8ED79F
RGB	142, 215, 159
RGB Percent	56%, 84%, 62%
CMY	0.4434, 0.1568, 0.3764
CMYK	0.34, 0.00, 0.26, 0.16
HSL	134°, 48%, 70%
HSV	134°, 34%, 84%
XYZ	41.7057, 56.8549, 41.5796
YIQ	186.7890, -25.5320, -32.8920

Conversions

Conversions Part 2

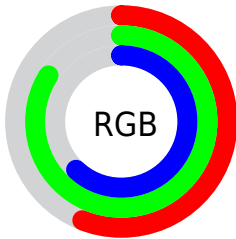
Format	Color
RYB	142, 201, 215
Decimal	9361311
CIELab	80.10, -34.27, 20.59
CIElCh	80, 39.976, 149.007
Yxy	56.8549, 0.2976, 0.4057
Android (android.graphics.Color)	4287551391 (0xFF8ED79F)
YUV	186.7890, -13.7000, -39.2800
Hunter-Lab	75.4022, -33.2236, 20.0868

Details

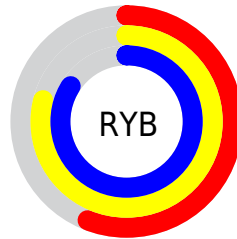
The Yxy color **56.8549, 0.2976, 0.4057** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.8506, 0.3327, 0.2630**, and the grayscale version is **49.6521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3808, 0.3010, 0.3737**, and **28.3270, 0.2930, 0.4290** is the 20% darker color. If you saturate the color by 10%, you get **54.6018, 0.2939, 0.4333**, and if you desaturate by 10%, it is **59.5557, 0.3018, 0.3802**.

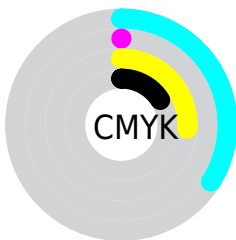
Distribution



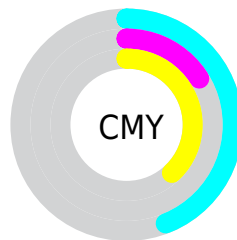
- Red (56%)
- Green (84%)
- Blue (62%)



- Red (56%)
- Yellow (79%)
- Blue (84%)



- Cyan (34%)
- Magenta (0%)
- Yellow (26%)
- Black (16%)




- Cyan (44%)
- Magenta (16%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8549, 0.2976, 0.4057 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 56.8549, 0.2976, 0.4057 by changing the saturation by 10% instead.


 56.8549, 0.2976,
0.4057


 56.8549, 0.2976,
0.4057

412.9054, 0.3058,
0.3668

 40.8888, 0.2953,
0.4155


 100.2534, 0.3007,
0.3915

 28.2322, 0.2923,
0.4282

 128.4546, 0.3019,
0.3861

 18.5007, 0.2881,
0.4452


161.5029, 0.3028,
0.3817

 11.3101, 0.2819,
0.4690

199.7828, 0.3036,
0.3778

 6.2758, 0.2718,
0.5046

243.6786, 0.3043,
0.3745

 3.0135, 0.2536,
0.5627

293.5747, 0.3049,

 1.1388, 0.1656,

0.3716

0.8344

349.8555, 0.3054,
0.3691

■ 0.0108, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8549, 0.2976,
0.4057

■ 56.8549, 0.2976,
0.4057

■ 54.6018, 0.2939,
0.4333

■ 59.5557, 0.3018,
0.3802

■ 52.7653, 0.2909,
0.4622


■ 62.7195, 0.3063,
0.3571


■ 51.3210, 0.2890,
0.4913


■ 66.3695, 0.3109,
0.3365


■ 50.2395, 0.2885,
0.5192


■ 70.5251, 0.3154,
0.3184

 49.4866, 0.2894,
0.5444

 75.2047, 0.3197,
0.3026

 49.0215, 0.2916,
0.5652

 77.0888, 0.3145,
0.2901

 48.8411, 0.2932,
0.5754

Harmonies

Analogous

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



56.8549, 0.3491, 0.4241



56.8549, 0.2976, 0.4057



56.8549, 0.2525, 0.3602

Triad

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



56.8549, 0.2976, 0.4057



56.8549, 0.2348, 0.2483



56.8549, 0.4092, 0.3376

Complementary

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



56.8549, 0.2976, 0.4057



37.8506, 0.3327, 0.2630

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.



56.8549, 0.3734, 0.2980



56.8549, 0.2976, 0.4057



56.8549, 0.2709, 0.2485

Square

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



56.8549, 0.2976, 0.4057



56.8549, 0.2187, 0.2681



56.8549, 0.3214, 0.2664



56.8549, 0.4160, 0.3784

Rectangle

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



56.8549, 0.2976, 0.4057



56.8549, 0.2316, 0.3247



56.8549, 0.3214, 0.2664



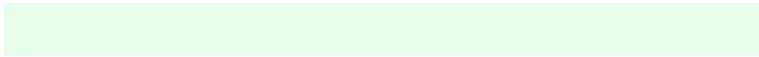
56.8549, 0.4001, 0.3239

Sweetspot

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



56.8573, 0.2976, 0.4057



94.2850, 0.3081, 0.3488



62.5606, 0.3500, 0.4174



20.0218, 0.3075, 0.3518



0.0000, 0.0000, 0.0000



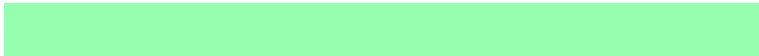
21.4041, 0.3127, 0.3290

Same Dimension

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



56.8573, 0.2976, 0.4057



81.1370, 0.2948, 0.4260



58.3178, 0.2758, 0.3545



13.9430, 0.3084, 0.3474



29.2218, 0.2925, 0.5731



1.7755, 0.2831, 0.5393

Inverse Universe

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



37.8506, 0.3327, 0.2630



48.9621, 0.3384, 0.2488



36.3642, 0.3707, 0.3052



12.5808, 0.3173, 0.3113



10.2780, 0.3900, 0.1922



0.6322, 0.3757, 0.1843

Previews

White Background



This preview shows how the Yxy color 56.8549, 0.2976, 0.4057 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 56.8549, 0.2976, 0.4057 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 56.8549, 0.2976, 0.4057

Background



This preview shows how black text looks on a background with the Yxy color 56.8549, 0.2976, 0.4057.



This preview shows how white text looks on a background with the Yxy color 56.8549, 0.2976, 0.4057.

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

56.8549, 0.2976, 0.4057

Protanopia

56.0158, 0.3596, 0.3843

Deuteranopia

56.1653, 0.3669, 0.3588



Tritanopia

56.9219, 0.2667, 0.3089

Trichromacy



Original Color

56.8549, 0.2976, 0.4057



Protanomaly

55.9579, 0.3346, 0.3927



Deuteranomaly

55.3258, 0.3387, 0.3750



Tritanomaly

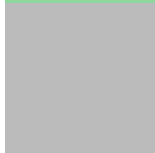
56.7473, 0.2775, 0.3419

Monochromacy



Original Color

56.8549, 0.2976, 0.4057



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

51.7648, 0.3068, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8549, 0.2976, 0.4057 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, 215, 159)` looks like.

```
.text, #text, p{  
    color:rgb(142, 215, 159)  
}
```

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, 215, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 215, 159) }
```

Border

The CSS property to change the border of an element to Yxy 56.8549, 0.2976, 0.4057 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, 215, 159) }
```

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

```
.border{ border-color:rgb(142, 215, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 215, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 215, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 215, 159);  
box-shadow:4px 4px 4px 4px rgb(142, 215,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8549, 0.2976, 0.4057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 215, 159) }
```

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

```
.background{ background-color: rgb(142,  
215, 159) }
```

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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