

Converting Colors

Yxy(56.6813, 0.3076, 0.4099)

Have a look what the booklet for
Yxy(56.6813, 0.3076, 0.4099)
contains.

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Color

Yxy(56.5970, 0.3076, 0.4089)

Conversions

Conversions Part 1

Format	Color
Hex	98D59A
RGB	152, 213, 154
RGB Percent	60%, 84%, 60%
CMY	0.4039, 0.1647, 0.3962
CMYK	0.29, 0.00, 0.28, 0.16
HSL	122°, 42%, 72%
HSV	122°, 29%, 84%
XYZ	42.5758, 56.5970, 39.2400
YIQ	188.0350, -17.4170, -31.2810

Conversions

Conversions Part 2

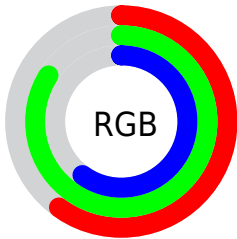
Format	Color
RYB	152, 211, 213
Decimal	10016154
CIELab	79.95, -31.02, 23.11
CIELCh	80, 38.679, 143.313
Yxy	56.5970, 0.3076, 0.4089
Android (android.graphics.Color)	4288206234 (0xFF98D59A)
YUV	188.0350, -16.7793, -31.6027
Hunter-Lab	75.2310, -30.6350, 21.7364

Details

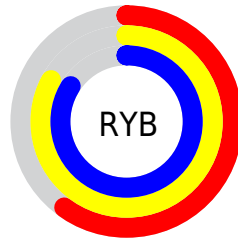
The Yxy color **56.5970, 0.3076, 0.4089** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.3130, 0.3178, 0.2603**, and the grayscale version is **50.4163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5333, 0.3098, 0.3785**, and **28.0856, 0.3044, 0.4313** is the 20% darker color. If you saturate the color by 10%, you get **54.0963, 0.3057, 0.4425**, and if you desaturate by 10%, it is **59.5896, 0.3095, 0.3780**.

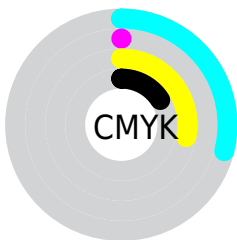
Distribution



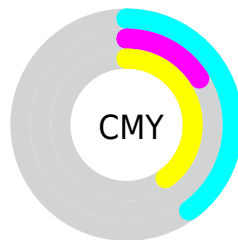
- Red (60%)
- Green (84%)
- Blue (60%)



- Red (60%)
- Yellow (83%)
- Blue (84%)



- Cyan (29%)
- Magenta (0%)
- Yellow (28%)
- Black (16%)




- Cyan (40%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5970, 0.3076, 0.4089 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 56.5970, 0.3076, 0.4089 by changing the saturation by 10% instead.


 56.5970, 0.3076,
0.4089


 56.5970, 0.3076,
0.4089


411.9375, 0.3111,
0.3684

 40.6818, 0.3065,
0.4191


 99.8769, 0.3091,
0.3941

 28.0705, 0.3048,
0.4323


 128.0104, 0.3096,
0.3886

 18.3788, 0.3023,
0.4499


160.9854, 0.3100,
0.3839

 11.2223, 0.2984,
0.4744

199.1864, 0.3103,
0.3799

 6.2166, 0.2913,
0.5109

242.9977, 0.3105,
0.3764

 2.9772, 0.2777,
0.5709

292.8037, 0.3107,

 1.1198, 0.2057,

0.3734

0.7943

348.9888, 0.3109,
0.3708

0.0000, 0.0000,
0.0000

56.5970, 0.3076,
0.4089

56.5970, 0.3076,
0.4089

54.0963, 0.3057,
0.4425

59.5896, 0.3095,
0.3780

52.0544, 0.3038,
0.4775

63.0907, 0.3113,
0.3502

50.4456, 0.3021,
0.5120

67.1250, 0.3129,
0.3259

49.2386, 0.3008,
0.5434

71.7136, 0.3144,
0.3047

48.3981, 0.2999,
0.5693

76.0704, 0.3146,
0.2881

■ 47.8824, 0.2996,
0.5875

■ 47.6304, 0.2996,
0.5974

■ 47.6054, 0.2995,
0.5983

Harmonies

Analogous

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



56.5970, 0.3572, 0.4209



56.5970, 0.3076, 0.4089



56.5970, 0.2616, 0.3688

Triad

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



56.5970, 0.3076, 0.4089



56.5970, 0.2324, 0.2527



56.5970, 0.4016, 0.3300

Complementary

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



56.5970, 0.3076, 0.4089



41.3130, 0.3178, 0.2603

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.



56.5970, 0.3627, 0.2923



56.5970, 0.3076, 0.4089



56.5970, 0.2642, 0.2493

Square

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



56.5970, 0.3076, 0.4089



56.5970, 0.2208, 0.2760



56.5970, 0.3113, 0.2637



56.5970, 0.4139, 0.3700

Rectangle

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



56.5970, 0.3076, 0.4089



56.5970, 0.2389, 0.3346



56.5970, 0.3113, 0.2637



56.5970, 0.3910, 0.3168

Sweetspot

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



56.5994, 0.3076, 0.4089



94.5552, 0.3112, 0.3514



63.8531, 0.3549, 0.4003



20.0637, 0.3110, 0.3553



0.0000, 0.0000, 0.0000



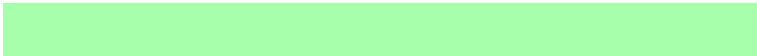
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5994, 0.3076, 0.4089



82.8214, 0.3065, 0.4278



57.7080, 0.2890, 0.3678



13.9024, 0.3111, 0.3523



29.0812, 0.2994, 0.5978



1.7564, 0.2974, 0.5908

Inverse Universe

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



41.3130, 0.3178, 0.2603



56.4180, 0.3189, 0.2468



39.9641, 0.3454, 0.2933



12.6255, 0.3143, 0.3068



11.3708, 0.3291, 0.1586



0.6880, 0.3275, 0.1578

Previews

White Background



This preview shows how the Yxy color 56.5970, 0.3076, 0.4089 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 56.5970, 0.3076, 0.4089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

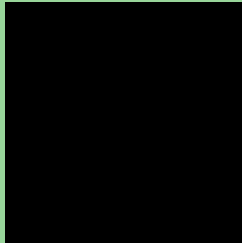
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5970, 0.3076, 0.4089

Background



This preview shows how black text looks on a background with the Yxy color 56.5970, 0.3076, 0.4089.



This preview shows how white text looks on a background with the Yxy color 56.5970, 0.3076, 0.4089.

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

56.5970, 0.3076, 0.4089

Protanopia

56.0361, 0.3636, 0.3889

Deuteranopia

56.1531, 0.3719, 0.3644



Tritanopia

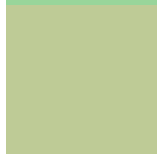
56.2987, 0.2731, 0.3078

Trichromacy



Original Color

56.5970, 0.3076, 0.4089



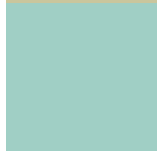
Protanomaly

55.8610, 0.3410, 0.3960



Deuteranomaly

55.3790, 0.3470, 0.3795



Tritanomaly

56.1304, 0.2855, 0.3418

Monochromacy



Original Color

56.5970, 0.3076, 0.4089



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

52.1811, 0.3106, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5970, 0.3076, 0.4089 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(152, 213, 154)` looks like.

```
.text, #text, p{  
    color:rgb(152, 213, 154)  
}
```

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(152, 213, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 213, 154) }
```

Border

The CSS property to change the border of an element to Yxy 56.5970, 0.3076, 0.4089 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(152, 213, 154) }
```

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

```
.border{ border-color:rgb(152, 213, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 213, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 213, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 213, 154);  
box-shadow:4px 4px 4px 4px rgb(152, 213,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5970, 0.3076, 0.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 213, 154) }
```

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

```
.background{ background-color: rgb(152,  
213, 154) }
```

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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