

Converting Colors

Yxy(58.3993, 0.3191, 0.4398)

Have a look what the booklet for
Yxy(58.3993, 0.3191, 0.4398)
contains.

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Color

Yxy(58.5675, 0.3189, 0.4405)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 98DA87 |
| RGB | 152, 218, 135 |
| RGB Percent | 60%, 85%, 53% |
| CMY | 0.4037, 0.1451, 0.4706 |
| CMYK | 0.30, 0.00, 0.38, 0.15 |
| HSL | 108°, 53%, 69% |
| HSV | 108°, 38%, 85% |
| XYZ | 42.3999, 58.5675, 31.9894 |
| YIQ | 188.8040, -12.6930, -39.8050 |

Conversions

Conversions Part 2

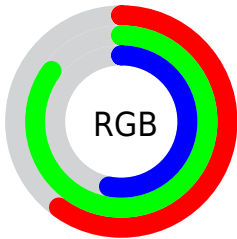
| Format | Color |
|-------------------------------------|--|
| RYB | 135, 218, 201 |
| Decimal | 10017415 |
| CIELab | 81.05, -36.29, 34.38 |
| CIElCh | 81, 49.987, 136.552 |
| Yxy | 58.5675, 0.3189, 0.4405 |
| Android (android.graphics.Color) | 4288207495 (0xFF98DA87) |
| YUV | 188.8040, -26.5254, -32.2771 |
| Hunter-Lab | 76.5294, -35.0313, 28.7873 |

Details

The Yxy color **58.5675, 0.3189, 0.4405** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **34.7983, 0.3009, 0.2307**, and the grayscale version is **50.9375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6040, 0.3210, 0.4008**, and **29.4311, 0.3173, 0.4732** is the 20% darker color. If you saturate the color by 10%, you get **56.4658, 0.3193, 0.4743**, and if you desaturate by 10%, it is **61.0440, 0.3178, 0.4078**.

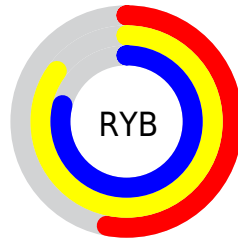
Distribution



Red (60%)

Green (85%)

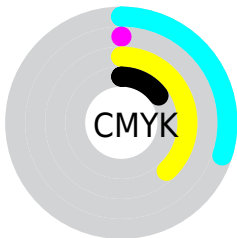
Blue (53%)



Red (53%)

Yellow (85%)

Blue (79%)

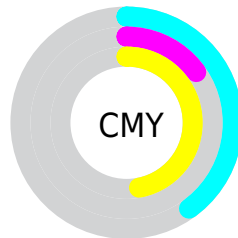


Cyan (30%)

Magenta (0%)

Yellow (38%)

Black (15%)



Cyan (40%)


Magenta (15%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5675, 0.3189, 0.4405 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 58.5675, 0.3189, 0.4405 by changing the saturation by 10% instead.


 58.5675, 0.3189,
0.4405

 58.5675, 0.3189,
0.4405


419.2973, 0.3179,
0.3840


 42.2651, 0.3185,
0.4547

 102.7488, 0.3190,
0.4199

 29.3089, 0.3176,
0.4728

 131.3965, 0.3189,
0.4122

 19.3146, 0.3157,
0.4967


 164.9280, 0.3188,
0.4056

 11.8978, 0.3117,
0.5295

203.7277, 0.3186,
0.4001

 6.6741, 0.3033,
0.5765

248.1802, 0.3184,
0.3952

 3.2592, 0.2964,
0.6757

298.6696, 0.3182,

 1.2685, 0.1793,

0.3910

0.8207

355.5805, 0.3180,
0.3873

0.1166, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.5675, 0.3189,
0.4405

58.5675, 0.3189,
0.4405

56.4658, 0.3193,
0.4743

61.0440, 0.3178,
0.4078

54.7131, 0.3188,
0.5075


63.9048, 0.3163,
0.3772

53.2921, 0.3172,
0.5379


67.1683, 0.3144,
0.3493


52.1808, 0.3146,
0.5633


70.8494, 0.3123,
0.3244

 51.3543, 0.3112,
0.5818

 74.9623, 0.3102,
0.3025

 50.7813, 0.3073,
0.5930

 78.6206, 0.3144,
0.2930

 50.6938, 0.3067,
0.5947

Harmonies

Analogous

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



58.5675, 0.3803, 0.4440



58.5675, 0.3189, 0.4405



58.5675, 0.2590, 0.3947

Triad

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



58.5675, 0.3189, 0.4405



58.5675, 0.2073, 0.2373



58.5675, 0.4178, 0.3175

Complementary

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



58.5675, 0.3189, 0.4405



34.7983, 0.3009, 0.2307

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.



58.5675, 0.3618, 0.2737



58.5675, 0.3189, 0.4405



58.5675, 0.2406, 0.2289

Square

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



58.5675, 0.3189, 0.4405



58.5675, 0.1988, 0.2705



58.5675, 0.2956, 0.2423



58.5675, 0.4416, 0.3666

Rectangle

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



58.5675, 0.3189, 0.4405



58.5675, 0.2279, 0.3503



58.5675, 0.2956, 0.2423



58.5675, 0.4018, 0.3019

Sweetspot

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



58.5700, 0.3189, 0.4405



94.3387, 0.3150, 0.3574



57.9684, 0.3768, 0.4049



20.0539, 0.3152, 0.3612



0.0000, 0.0000, 0.0000



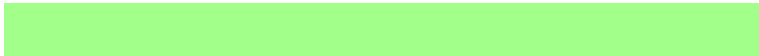
21.4041, 0.3127, 0.3290

Same Dimension

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



58.5700, 0.3189, 0.4405



81.0068, 0.3193, 0.4687



57.7776, 0.2936, 0.4109



14.7344, 0.3146, 0.3529



30.4092, 0.3074, 0.5941



2.0070, 0.3183, 0.5855

Inverse Universe

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



34.7983, 0.3009, 0.2307



42.2832, 0.2973, 0.2094



36.1484, 0.3400, 0.2595



13.1328, 0.3105, 0.3057



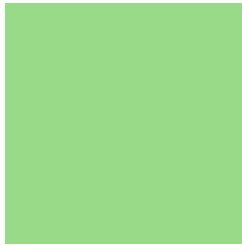
8.4166, 0.2696, 0.1259



0.5800, 0.2784, 0.1307

Previews

White Background



This preview shows how the Yxy color 58.5675, 0.3189, 0.4405 looks on a white background.

Color Contrast Check

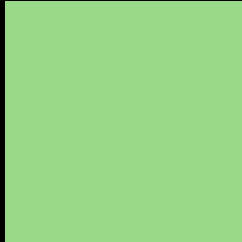
Large Text (above 18pt) WCAG AA × Fail

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 58.5675, 0.3189, 0.4405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

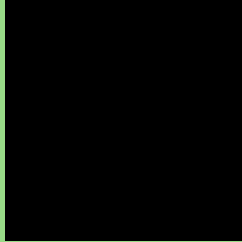
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5675, 0.3189, 0.4405

Background



This preview shows how black text looks on a background with the Yxy color 58.5675, 0.3189, 0.4405.



This preview shows how white text looks on a background with the Yxy color 58.5675, 0.3189, 0.4405.

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

58.5675, 0.3189, 0.4405

Protanopia

57.7725, 0.3819, 0.4127

Deuteranopia

57.9731, 0.3937, 0.3852



Tritanopia

58.2230, 0.2736, 0.3081

Trichromacy



Original Color

58.5675, 0.3189, 0.4405



Protanomaly

57.7337, 0.3566, 0.4231



Deuteranomaly

56.9028, 0.3640, 0.4039



Tritanomaly

58.0757, 0.2903, 0.3534

Monochromacy



Original Color

58.5675, 0.3189, 0.4405



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

53.4032, 0.3163, 0.3694

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5675, 0.3189, 0.4405 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, 218, 135)` looks like.

```
.text, #text, p{  
    color:rgb(152, 218, 135)  
}
```

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, 218, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 218, 135) }
```

Border

The CSS property to change the border of an element to Yxy 58.5675, 0.3189, 0.4405 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, 218, 135) }
```

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

```
.border{ border-color:rgb(152, 218, 135) }
```

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

Here you see how a box with a 4 pixel rgb(152, 218, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 218, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 218, 135);  
box-shadow:4px 4px 4px 4px rgb(152, 218,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5675, 0.3189, 0.4405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 218, 135) }
```

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

```
.background{ background-color: rgb(152,  
218, 135) }
```

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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