

Converting Colors

$Yxy(39.0557, 0.3193, 0.4070)$

Have a look what the booklet for
Yxy(39.0557, 0.3193, 0.4070)
contains.

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Color

Yxy(38.9748, 0.3193, 0.4063)

Conversions

Conversions Part 1

Format	Color
Hex	8CB280
RGB	140, 178, 128
RGB Percent	55%, 70%, 50%
CMY	0.4510, 0.3019, 0.4981
CMYK	0.21, 0.00, 0.28, 0.30
HSL	106°, 25%, 60%
HSV	106°, 28%, 70%
XYZ	30.6292, 38.9748, 26.3221
YIQ	160.9380, -6.5980, -23.6060

Conversions

Conversions Part 2

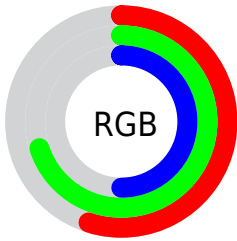
Format	Color
RYB	128, 178, 166
Decimal	9220736
CIELab	68.73, -22.43, 21.50
CIELCh	69, 31.073, 136.214
Yxy	38.9748, 0.3193, 0.4063
Android (android.graphics.Color)	4287410816 (0xFF8CB280)
YUV	160.9380, -16.2384, -18.3626
Hunter-Lab	62.4298, -21.6767, 18.7025

Details

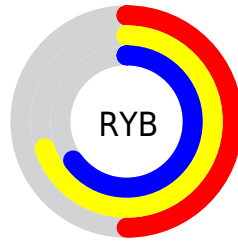
The Yxy color **38.9748, 0.3193, 0.4063** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.7536, 0.3031, 0.2576**, and the grayscale version is **35.6885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6512, 0.3185, 0.3909**, and **17.3411, 0.3203, 0.4330** is the 20% darker color. If you saturate the color by 10%, you get **37.4445, 0.3209, 0.4382**, and if you desaturate by 10%, it is **40.7351, 0.3172, 0.3764**.

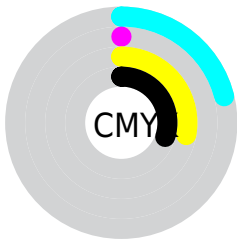
Distribution



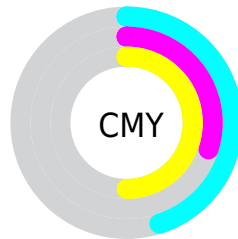
- Red (55%)
- Green (70%)
- Blue (50%)



- Red (50%)
- Yellow (70%)
- Blue (65%)



- Cyan (21%)
- Magenta (0%)
- Yellow (28%)
- Black (30%)




- Cyan (45%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9748, 0.3193, 0.4063 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 38.9748, 0.3193, 0.4063 by changing the saturation by 10% instead.


 38.9748, 0.3193,
0.4063


 38.9748, 0.3193,
0.4063


341.7833, 0.3168,
0.3650

 26.7401, 0.3196,
0.4175


 73.5998, 0.3186,
0.3906

 17.3781, 0.3197,
0.4325


 96.7590, 0.3183,
0.3849

 10.5045, 0.3193,
0.4534


 124.3284, 0.3180,
0.3802

 5.7347, 0.3177,
0.4844

156.6924, 0.3177,
0.3762

 2.6844, 0.3131,
0.5361

194.2356, 0.3175,
0.3728

 0.9693, 0.2770,
0.7230

237.3422, 0.3172,

 0.0000, 0.0000,

0.3698

0.0000

286.3966, 0.3170,
0.3672

■ 38.9748, 0.3193,
0.4063

■ 38.9748, 0.3193,
0.4063

■ 37.4445, 0.3209,
0.4382

■ 40.7351, 0.3172,
0.3764

■ 36.1298, 0.3217,
0.4711

■ 42.7294, 0.3148,
0.3491

■ 35.0220, 0.3216,
0.5035

■ 44.9677, 0.3122,
0.3246

■ 34.1100, 0.3203,
0.5335


■ 47.4581, 0.3096,
0.3028


■ 33.3817, 0.3179,
0.5589


■ 50.2082, 0.3070,
0.2836


 32.8234, 0.3144,
0.5780

 53.2254, 0.3045,
0.2668

 32.4162, 0.3103,
0.5904

 56.5166, 0.3022,
0.2521

 32.3520, 0.3096,
0.5924

 59.0578, 0.3109,
0.2524

 60.3240, 0.3163,
0.2537

Harmonies

Analogous

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



38.9748, 0.3635, 0.4110



38.9748, 0.3193, 0.4063



38.9748, 0.2753, 0.3752

Triad

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



38.9748, 0.3193, 0.4063



38.9748, 0.2348, 0.2627



38.9748, 0.3869, 0.3216

Complementary

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



38.9748, 0.3193, 0.4063



26.7536, 0.3031, 0.2576

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.



38.9748, 0.3477, 0.2883



38.9748, 0.3193, 0.4063



38.9748, 0.2601, 0.2550

Square

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



38.9748, 0.3193, 0.4063



38.9748, 0.2287, 0.2887



38.9748, 0.3007, 0.2645



38.9748, 0.4046, 0.3586

Rectangle

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



38.9748, 0.3193, 0.4063



38.9748, 0.2519, 0.3454



38.9748, 0.3007, 0.2645



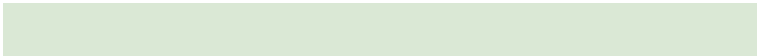
38.9748, 0.3757, 0.3098

Sweetspot

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



38.9765, 0.3193, 0.4063



77.4669, 0.3148, 0.3492



38.1150, 0.3587, 0.3819



17.0367, 0.3152, 0.3531



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



38.9765, 0.3193, 0.4063



68.8279, 0.3204, 0.4268



38.3392, 0.2996, 0.3882



9.5853, 0.3151, 0.3523



23.1709, 0.3102, 0.5919



0.7563, 0.3310, 0.5754

Inverse Universe

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



26.7536, 0.3031, 0.2576



42.8237, 0.3001, 0.2404



27.6332, 0.3292, 0.2764



8.5419, 0.3101, 0.3063



6.0311, 0.2617, 0.1215



0.2146, 0.2791, 0.1311

Previews

White Background



This preview shows how the Yxy color 38.9748, 0.3193, 0.4063 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 38.9748, 0.3193, 0.4063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

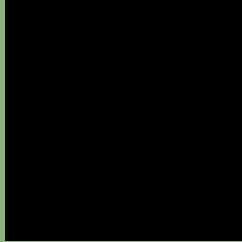
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9748, 0.3193, 0.4063

Background



This preview shows how black text looks on a background with the Yxy color 38.9748, 0.3193, 0.4063.



This preview shows how white text looks on a background with the Yxy color 38.9748, 0.3193, 0.4063.

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

38.9748, 0.3193, 0.4063

Protanopia

38.6512, 0.3637, 0.3907

Deuteranopia

38.7578, 0.3739, 0.3677



Tritanopia

38.9761, 0.2836, 0.3104

Trichromacy



Original Color

38.9748, 0.3193, 0.4063

Protanomaly

38.6058, 0.3466, 0.3961

Deuteranomaly

38.3901, 0.3525, 0.3801

Tritanomaly

39.0634, 0.2965, 0.3437

Monochromacy



Original Color

38.9748, 0.3193, 0.4063

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.5797, 0.3151, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9748, 0.3193, 0.4063 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(140, 178, 128)` looks like.

```
.text, #text, p{  
    color:rgb(140, 178, 128)  
}
```

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(140, 178, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 178, 128) }
```

Border

The CSS property to change the border of an element to Yxy 38.9748, 0.3193, 0.4063 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(140, 178, 128) }
```

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

```
.border{ border-color:rgb(140, 178, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 178, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 178, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 178, 128);  
box-shadow:4px 4px 4px 4px rgb(140, 178,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9748, 0.3193, 0.4063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 178, 128) }
```

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

```
.background{ background-color: rgb(140,  
178, 128) }
```

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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