

Converting Colors

$Yxy(53.7750, 0.3272, 0.4038)$

Have a look what the booklet for
Yxy(53.7750, 0.3272, 0.4038)
contains.

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Color

Yxy(53.9502, 0.3274, 0.4047)

Conversions

Conversions Part 1

Format	Color
Hex	ABCC93
RGB	171, 204, 147
RGB Percent	67%, 80%, 58%
CMY	0.3296, 0.1999, 0.4236
CMYK	0.16, 0.00, 0.28, 0.20
HSL	95°, 36%, 69%
HSV	95°, 28%, 80%
XYZ	43.6454, 53.9502, 35.7135
YIQ	187.6350, -1.3710, -24.7230

Conversions

Conversions Part 2

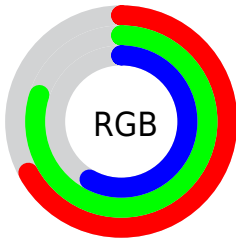
Format	Color
RYB	147, 204, 180
Decimal	11259027
CIELab	78.43, -21.29, 24.89
CIELCh	78, 32.750, 130.546
Yxy	53.9502, 0.3274, 0.4047
Android (android.graphics.Color)	4289449107 (0xFFABCC93)
YUV	187.6350, -20.0331, -14.5889
Hunter-Lab	73.4508, -22.4719, 22.5874

Details

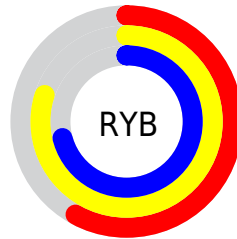
The Yxy color **53.9502, 0.3274, 0.4047** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.9364, 0.2935, 0.2553**, and the grayscale version is **50.1839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0679, 0.3263, 0.3853**, and **26.5088, 0.3299, 0.4269** is the 20% darker color. If you saturate the color by 10%, you get **52.0987, 0.3318, 0.4352**, and if you desaturate by 10%, it is **56.0389, 0.3224, 0.3757**.

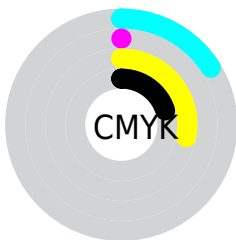
Distribution



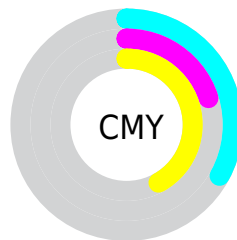
- Red (67%)
- Green (80%)
- Blue (58%)



- Red (58%)
- Yellow (80%)
- Blue (71%)



- Cyan (16%)
- Magenta (0%)
- Yellow (28%)
- Black (20%)





- Cyan (33%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9502, 0.3274, 0.4047 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 53.9502, 0.3274, 0.4047 by changing the saturation by 10% instead.


 53.9502, 0.3274,
0.4047

 53.9502, 0.3274,
0.4047


401.9201, 0.3211,
0.3665

 38.5618, 0.3286,
0.4143


 96.0011, 0.3253,
0.3907

 26.4190, 0.3300,
0.4267


 123.4325, 0.3245,
0.3855

 17.1374, 0.3315,
0.4431


155.6470, 0.3238,
0.3811

 10.3325, 0.3329,
0.4659

193.0290, 0.3231,
0.3773

 5.6200, 0.3333,
0.4994

235.9629, 0.3225,
0.3741

 2.6154, 0.3353,
0.5613

284.8331, 0.3220,


 0.9344, 0.2823,


0.3712


0.7177


340.0241, 0.3215,
0.3687


 0.0000, 0.0000,
0.0000

 53.9502, 0.3274,
0.4047


 53.9502, 0.3274,
0.4047

 52.0987, 0.3318,
0.4352


 56.0389, 0.3224,
0.3757

 50.4682, 0.3352,
0.4661


 58.3662, 0.3170,
0.3488

 49.0514, 0.3372,
0.4962


 60.9427, 0.3116,
0.3242

 47.8375, 0.3375,
0.5238


 63.7759, 0.3063,
0.3020

 46.8147, 0.3358,
0.5473


 66.8733, 0.3011,
0.2822

 45.9697, 0.3322,
0.5652

 69.2790, 0.3056,
0.2777

 45.2844, 0.3271,
0.5772

 71.4397, 0.3142,
0.2790

 45.1586, 0.3260,
0.5794

 71.6737, 0.3151,
0.2792

Harmonies

Analogous

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



53.9502, 0.3679, 0.4046



53.9502, 0.3274, 0.4047



53.9502, 0.2847, 0.3796

Triad

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



53.9502, 0.3274, 0.4047



53.9502, 0.2362, 0.2696



53.9502, 0.3771, 0.3157

Complementary

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



53.9502, 0.3274, 0.4047



34.9364, 0.2935, 0.2553

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.



53.9502, 0.3376, 0.2852



53.9502, 0.3274, 0.4047



53.9502, 0.2570, 0.2588

Square

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



53.9502, 0.3274, 0.4047



53.9502, 0.2340, 0.2975



53.9502, 0.2933, 0.2648



53.9502, 0.3984, 0.3508

Rectangle

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



53.9502, 0.3274, 0.4047



53.9502, 0.2608, 0.3528



53.9502, 0.2933, 0.2648



53.9502, 0.3653, 0.3047

Sweetspot

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



53.9525, 0.3274, 0.4047



96.5802, 0.3171, 0.3492



47.3095, 0.3623, 0.3697



20.5410, 0.3179, 0.3531



0.0000, 0.0000, 0.0000



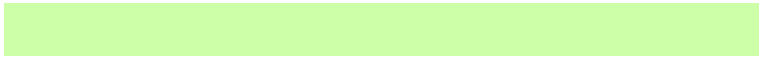
21.4041, 0.3127, 0.3290

Same Dimension

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



53.9525, 0.3274, 0.4047



87.2985, 0.3303, 0.4244



51.6239, 0.3064, 0.4036



12.7634, 0.3178, 0.3525



28.4703, 0.3270, 0.5786



1.5130, 0.3427, 0.5661

Inverse Universe

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



34.9364, 0.2935, 0.2553



50.3303, 0.2878, 0.2367



37.8855, 0.3194, 0.2643



11.1598, 0.3072, 0.3057



5.2369, 0.2195, 0.0983



0.3142, 0.2390, 0.1090

Previews

White Background



This preview shows how the Yxy color 53.9502, 0.3274, 0.4047 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 53.9502, 0.3274, 0.4047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

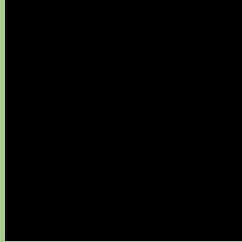
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9502, 0.3274, 0.4047

Background



This preview shows how black text looks on a background with the Yxy color 53.9502, 0.3274, 0.4047.



This preview shows how white text looks on a background with the Yxy color 53.9502, 0.3274, 0.4047.

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

53.9502, 0.3274, 0.4047

Protanopia

53.5028, 0.3654, 0.3912

Deuteranopia

53.6831, 0.3774, 0.3696



Tritanopia

54.0068, 0.2906, 0.3105

Trichromacy



Original Color

53.9502, 0.3274, 0.4047

Protanomaly

53.5482, 0.3512, 0.3959

Deuteranomaly

53.6073, 0.3581, 0.3816

Tritanomaly

53.8248, 0.3036, 0.3430

Monochromacy



Original Color

53.9502, 0.3274, 0.4047

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.5458, 0.3187, 0.3562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9502, 0.3274, 0.4047 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(171, 204, 147)` looks like.

```
.text, #text, p{  
    color:rgb(171, 204, 147)  
}
```

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(171, 204, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 204, 147) }
```

Border

The CSS property to change the border of an element to Yxy 53.9502, 0.3274, 0.4047 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(171, 204, 147) }
```

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

```
.border{ border-color:rgb(171, 204, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 204, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 204, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 204, 147);  
box-shadow:4px 4px 4px 4px rgb(171, 204,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9502, 0.3274, 0.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 204, 147) }
```

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

```
.background{ background-color: rgb(171,  
204, 147) }
```

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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