

Converting Colors

Yxy(53.9715, 0.3134, 0.4056)

Have a look what the booklet for
Yxy(53.9715, 0.3134, 0.4056)
contains.

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Color

Yxy(54.0281, 0.3135, 0.4052)

Conversions

Conversions Part 1

Format	Color
Hex	9DCF97
RGB	157, 207, 151
RGB Percent	62%, 81%, 59%
CMY	0.3844, 0.1882, 0.4078
CMYK	0.24, 0.00, 0.27, 0.19
HSL	114°, 37%, 70%
HSV	114°, 27%, 81%
XYZ	41.8011, 54.0281, 37.5077
YIQ	185.6660, -11.8240, -28.0160

Conversions

Conversions Part 2

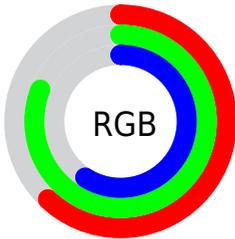
Format	Color
RYB	151, 207, 201
Decimal	10342295
CIELab	78.48, -27.00, 22.69
CIELCh	78, 35.268, 139.951
Yxy	54.0281, 0.3135, 0.4052
Android (android.graphics.Color)	4288532375 (0xFF9DCF97)
YUV	185.6660, -17.0903, -25.1401
Hunter-Lab	73.5038, -27.1199, 21.1981

Details

The Yxy color **54.0281, 0.3135, 0.4052** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.0653, 0.3103, 0.2611**, and the grayscale version is **49.0080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9248, 0.3145, 0.3825**, and **26.3196, 0.3119, 0.4267** is the 20% darker color. If you saturate the color by 10%, you get **51.6944, 0.3133, 0.4385**, and if you desaturate by 10%, it is **56.7660, 0.3134, 0.3744**.

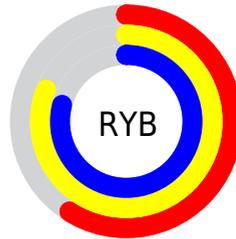
Distribution



Red (62%)

Green (81%)

Blue (59%)



Red (59%)

Yellow (81%)

Blue (79%)

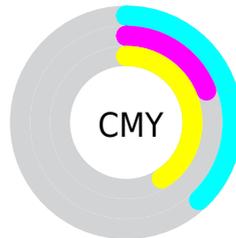


Cyan (24%)

Magenta (0%)

Yellow (27%)

Black (19%)



Cyan (38%)

Magenta (19%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0281, 0.3135, 0.4052 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 54.0281, 0.3135, 0.4052 by changing the saturation by 10% instead.

■ 54.0281, 0.3135,
0.4052

■ 54.0281, 0.3135,
0.4052

402.2172, 0.3140,
0.3664

■ 38.6241, 0.3131,
0.4150

■ 96.1155, 0.3139,
0.3910

■ 26.4674, 0.3124,
0.4277

■ 123.5677, 0.3140,
0.3857

■ 17.1737, 0.3111,
0.4448

155.8048, 0.3140,
0.3812

■ 10.3584, 0.3088,
0.4686

193.2112, 0.3141,
0.3774

■ 5.6372, 0.3040,
0.5043

236.1712, 0.3141,
0.3741

■ 2.6258, 0.2951,
0.5666

285.0693, 0.3140,

■ 0.9396, 0.1987,

0.3712

0.8013

340.2898, 0.3140,
0.3687

0.0000, 0.0000,
0.0000

54.0281, 0.3135,
0.4052

54.0281, 0.3135,
0.4052

51.6944, 0.3133,
0.4385

56.7660, 0.3134,
0.3744

49.7393, 0.3126,
0.4732

59.9188, 0.3131,
0.3466

48.1448, 0.3114,
0.5076

63.5054, 0.3126,
0.3221

46.8886, 0.3097,
0.5392

67.5412, 0.3119,
0.3006

45.9460, 0.3076,
0.5657

72.0411, 0.3112,
0.2820

■ 45.2889, 0.3052,
0.5848

■ 73.1095, 0.3149,
0.2821

■ 44.8830, 0.3028,
0.5958

■ 44.8008, 0.3024,
0.5981

Harmonies

Analogous

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



54.0281, 0.3591, 0.4134



54.0281, 0.3135, 0.4052



54.0281, 0.2697, 0.3707

Triad

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



54.0281, 0.3135, 0.4052



54.0281, 0.2357, 0.2596



54.0281, 0.3919, 0.3261

Complementary

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



54.0281, 0.3135, 0.4052



39.0653, 0.3103, 0.2611

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.



54.0281, 0.3540, 0.2914



54.0281, 0.3135, 0.4052



54.0281, 0.2636, 0.2541

Square

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



54.0281, 0.3135, 0.4052



54.0281, 0.2270, 0.2837



54.0281, 0.3063, 0.2658



54.0281, 0.4066, 0.3636

Rectangle

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



54.0281, 0.3135, 0.4052



54.0281, 0.2472, 0.3398



54.0281, 0.3063, 0.2658



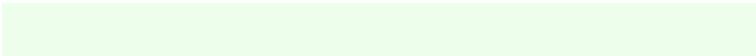
54.0281, 0.3813, 0.3139

Sweetspot

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



54.0304, 0.3135, 0.4052



95.4608, 0.3131, 0.3494



57.0302, 0.3551, 0.3889



20.2608, 0.3132, 0.3535



0.0000, 0.0000, 0.0000



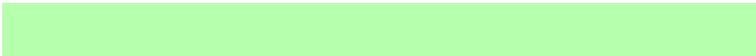
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0304, 0.3135, 0.4052



84.5097, 0.3134, 0.4227



54.2068, 0.2951, 0.3757



13.2657, 0.3132, 0.3529



28.2442, 0.3028, 0.5978



1.6001, 0.3107, 0.5915

Inverse Universe

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



39.0653, 0.3103, 0.2611



56.9082, 0.3096, 0.2475



38.9293, 0.3358, 0.2865



11.9424, 0.3121, 0.3060



9.3565, 0.2944, 0.1395



0.5419, 0.2996, 0.1424

Previews

White Background



This preview shows how the Yxy color 54.0281, 0.3135, 0.4052 looks on a white background.

Color Contrast Check

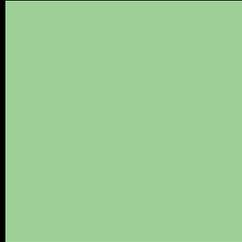
Large Text (above 18pt) WCAG AA × Fail

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 54.0281, 0.3135, 0.4052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

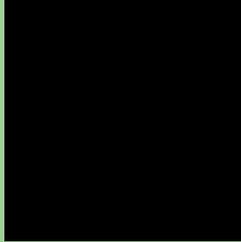
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

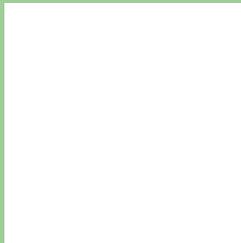
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0281, 0.3135, 0.4052

Background



This preview shows how black text looks on a background with the Yxy color 54.0281, 0.3135, 0.4052.



This preview shows how white text looks on a background with the Yxy color 54.0281, 0.3135, 0.4052.

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

54.0281, 0.3135, 0.4052

Protanopia

53.4497, 0.3621, 0.3878

Deuteranopia

53.5257, 0.3714, 0.3640



Tritanopia

54.0780, 0.2790, 0.3089

Trichromacy



Original Color

54.0281, 0.3135, 0.4052

Protanomaly

53.3136, 0.3435, 0.3943

Deuteranomaly

53.1960, 0.3486, 0.3789

Tritanomaly

53.9393, 0.2913, 0.3419

Monochromacy



Original Color

54.0281, 0.3135, 0.4052

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.7147, 0.3130, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0281, 0.3135, 0.4052 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(157, 207, 151)` looks like.

```
.text, #text, p{  
    color:rgb(157, 207, 151)  
}
```

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(157, 207, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 207, 151) }
```

Border

The CSS property to change the border of an element to Yxy 54.0281, 0.3135, 0.4052 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(157, 207, 151) }
```

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

```
.border{ border-color:rgb(157, 207, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 207, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 207, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 207, 151);  
box-shadow:4px 4px 4px 4px rgb(157, 207,  
151) }
```

Background

The CSS property to change the background color of an element to Yxy 54.0281, 0.3135, 0.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 207, 151) }
```

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

```
.background{ background-color: rgb(157,  
207, 151) }
```

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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