

Converting Colors

Yxy(54.1351, 0.3195, 0.4142)

Have a look what the booklet for
Yxy(54.1351, 0.3195, 0.4142)
contains.

Yxy(54.0102, 0.3197, 0.4146)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.0102, 0.3197, 0.4146)

Conversions

Conversions Part 1

Format	Color
Hex	9FCF90
RGB	159, 207, 144
RGB Percent	62%, 81%, 56%
CMY	0.3764, 0.1882, 0.4353
CMYK	0.23, 0.00, 0.30, 0.19
HSL	106°, 40%, 69%
HSV	106°, 30%, 81%
XYZ	41.6475, 54.0102, 34.6129
YIQ	185.4660, -8.3850, -29.7690

Conversions

Conversions Part 2

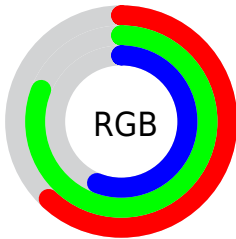
Format	Color
RYB	144, 207, 192
Decimal	10473360
CIELab	78.47, -27.42, 26.38
CIELCh	78, 38.047, 136.108
Yxy	54.0102, 0.3197, 0.4146
Android (android.graphics.Color)	4288663440 (0xFF9FCF90)
YUV	185.4660, -20.4427, -23.2107
Hunter-Lab	73.4916, -27.4549, 23.5199

Details

The Yxy color **54.0102, 0.3197, 0.4146** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.6534, 0.3020, 0.2506**, and the grayscale version is **48.9115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0443, 0.3203, 0.3899**, and **26.3110, 0.3197, 0.4394** is the 20% darker color. If you saturate the color by 10%, you get **51.9261, 0.3211, 0.4473**, and if you desaturate by 10%, it is **56.4205, 0.3177, 0.3838**.

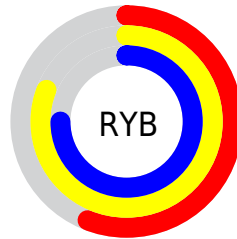
Distribution



Red (62%)

Green (81%)

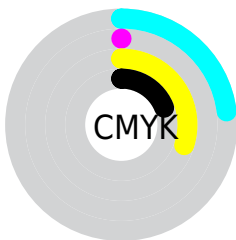
Blue (56%)



Red (56%)

Yellow (81%)

Blue (75%)

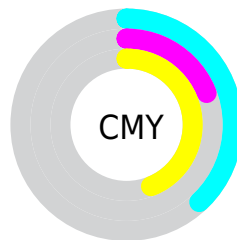


Cyan (23%)

Magenta (0%)

Yellow (30%)

Black (19%)



Cyan (38%)


Magenta (19%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0102, 0.3197, 0.4146 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 54.0102, 0.3197, 0.4146 by changing the saturation by 10% instead.


 54.0102, 0.3197,
0.4146


 54.0102, 0.3197,
0.4146


402.1489, 0.3174,
0.3710

 38.6098, 0.3199,
0.4256


 96.0892, 0.3192,
0.3986

 26.4563, 0.3199,
0.4399


 123.5366, 0.3189,
0.3927

 17.1653, 0.3194,
0.4589


155.7685, 0.3186,
0.3876

 10.3524, 0.3179,
0.4855

193.1693, 0.3183,
0.3833

 5.6333, 0.3139,
0.5248

236.1233, 0.3181,
0.3796

 2.6234, 0.3103,
0.6021

285.0150, 0.3178,

 0.9384, 0.1911,

0.3764

0.8089

340.2287, 0.3176,
0.3735

0.0000, 0.0000,
0.0000

54.0102, 0.3197,
0.4146

54.0102, 0.3197,
0.4146

51.9261, 0.3211,
0.4473

56.4205, 0.3177,
0.3838

50.1472, 0.3217,
0.4806

59.1633, 0.3154,
0.3555

48.6607, 0.3212,
0.5128


62.2533, 0.3128,
0.3300

47.4500, 0.3196,
0.5419


65.7022, 0.3102,
0.3074


46.4969, 0.3167,
0.5658

69.5212, 0.3076,
0.2875

 45.7805, 0.3129,
0.5828

 72.8418, 0.3139,
0.2820

 45.2881, 0.3089,
0.5929

 73.1060, 0.3149,
0.2821

Harmonies

Analogous

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



54.0102, 0.3681, 0.4190



54.0102, 0.3197, 0.4146



54.0102, 0.2717, 0.3802

Triad

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



54.0102, 0.3197, 0.4146



54.0102, 0.2278, 0.2565



54.0102, 0.3942, 0.3204

Complementary

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



54.0102, 0.3197, 0.4146



35.6534, 0.3020, 0.2506

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.



54.0102, 0.3508, 0.2844



54.0102, 0.3197, 0.4146



54.0102, 0.2550, 0.2484

Square

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



54.0102, 0.3197, 0.4146



54.0102, 0.2212, 0.2846



54.0102, 0.2991, 0.2588



54.0102, 0.4137, 0.3605

Rectangle

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



54.0102, 0.3197, 0.4146



54.0102, 0.2462, 0.3470



54.0102, 0.2991, 0.2588



54.0102, 0.3817, 0.3077

Sweetspot

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



54.0125, 0.3197, 0.4146



95.4437, 0.3150, 0.3520



52.6494, 0.3635, 0.3870



20.2806, 0.3154, 0.3559



0.0000, 0.0000, 0.0000



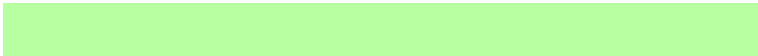
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0125, 0.3197, 0.4146



84.1666, 0.3208, 0.4374



53.0841, 0.2984, 0.3947



13.3404, 0.3151, 0.3528



28.5700, 0.3097, 0.5923



1.6349, 0.3230, 0.5817

Inverse Universe

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



35.6534, 0.3020, 0.2506



49.8271, 0.2987, 0.2319



36.9832, 0.3311, 0.2713



11.8611, 0.3100, 0.3058



7.4403, 0.2616, 0.1215



0.4511, 0.2730, 0.1278

Previews

White Background



This preview shows how the Yxy color 54.0102, 0.3197, 0.4146 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 54.0102, 0.3197, 0.4146 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 54.0102, 0.3197, 0.4146

Background



This preview shows how black text looks on a background with the Yxy color 54.0102, 0.3197, 0.4146.



This preview shows how white text looks on a background with the Yxy color 54.0102, 0.3197, 0.4146.

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

54.0102, 0.3197, 0.4146

Protanopia

53.3848, 0.3685, 0.3961

Deuteranopia

53.6186, 0.3791, 0.3719



Tritanopia

53.7893, 0.2809, 0.3089

Trichromacy



Original Color

54.0102, 0.3197, 0.4146

Protanomaly

53.2288, 0.3496, 0.4031

Deuteranomaly

53.2467, 0.3558, 0.3873

Tritanomaly

53.5544, 0.2947, 0.3446

Monochromacy



Original Color

54.0102, 0.3197, 0.4146

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

50.2723, 0.3161, 0.3593

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0102, 0.3197, 0.4146 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(159, 207, 144)` looks like.

```
.text, #text, p{  
    color:rgb(159, 207, 144)  
}
```

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(159, 207, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 207, 144) }
```

Border

The CSS property to change the border of an element to Yxy 54.0102, 0.3197, 0.4146 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(159, 207, 144) }
```

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

```
.border{ border-color:rgb(159, 207, 144) }
```

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

Here you see how a box with a 4 pixel rgb(159, 207, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 207, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 207, 144);  
box-shadow:4px 4px 4px 4px rgb(159, 207,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0102, 0.3197, 0.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 207, 144) }
```

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

```
.background{ background-color: rgb(159,  
207, 144) }
```

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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