

Converting Colors

$Yxy(54.0020, 0.3035, 0.4047)$

Have a look what the booklet for
Yxy(54.0020, 0.3035, 0.4047)
contains.

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Color

Yxy(54.0450, 0.3035, 0.4051)

Conversions

Conversions Part 1

Format	Color
Hex	92D19A
RGB	146, 209, 154
RGB Percent	57%, 82%, 60%
CMY	0.4274, 0.1804, 0.3960
CMYK	0.30, 0.00, 0.26, 0.18
HSL	128°, 41%, 70%
HSV	128°, 30%, 82%
XYZ	40.4904, 54.0450, 38.8761
YIQ	183.8930, -19.8930, -30.4610

Conversions

Conversions Part 2

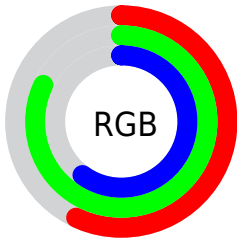
Format	Color
RYB	146, 202, 209
Decimal	9621914
CIELab	78.49, -31.06, 21.02
CIELCh	78, 37.504, 145.902
Yxy	54.0450, 0.3035, 0.4051
Android (android.graphics.Color)	4287811994 (0xFF92D19A)
YUV	183.8930, -14.7372, -33.2322
Hunter-Lab	73.5153, -30.3384, 20.1072

Details

The Yxy color **54.0450, 0.3035, 0.4051** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.3355, 0.3236, 0.2632**, and the grayscale version is **47.9653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5410, 0.3055, 0.3791**, and **26.4176, 0.2992, 0.4268** is the 20% darker color. If you saturate the color by 10%, you get **51.7409, 0.3006, 0.4357**, and if you desaturate by 10%, it is **56.7962, 0.3066, 0.3769**.

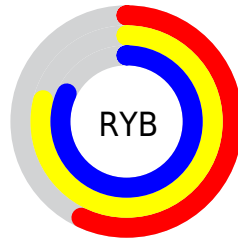
Distribution



Red (57%)

Green (82%)

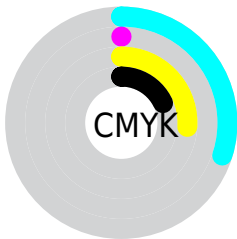
Blue (60%)



Red (57%)

Yellow (79%)

Blue (82%)

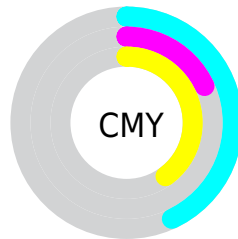


Cyan (30%)

Magenta (0%)

Yellow (26%)

Black (18%)



Cyan (43%)


Magenta (18%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0450, 0.3035, 0.4051 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 54.0450, 0.3035, 0.4051 by changing the saturation by 10% instead.


 54.0450, 0.3035,
0.4051

 54.0450, 0.3035,
0.4051


402.2816, 0.3089,
0.3663

 38.6376, 0.3019,
0.4150


 96.1403, 0.3057,
0.3908

 26.4780, 0.2997,
0.4278


 123.5971, 0.3064,
0.3855

 17.1815, 0.2965,
0.4451


155.8391, 0.3070,
0.3810

 10.3640, 0.2916,
0.4694

193.2507, 0.3075,
0.3772

 5.6410, 0.2831,
0.5061

236.2164, 0.3080,
0.3739

 2.6280, 0.2675,
0.5684

285.1205, 0.3083,

 0.9408, 0.1255,

0.3710

0.8745

340.3474, 0.3086,
0.3685

■ 0.0000, 0.0000,
0.0000

■ 54.0450, 0.3035,
0.4051

■ 54.0450, 0.3035,
0.4051

■ 51.7409, 0.3006,
0.4357

■ 56.7962, 0.3066,
0.3769

■ 49.8539, 0.2982,
0.4678

■ 60.0092, 0.3097,
0.3516

■ 48.3607, 0.2963,
0.5000

■ 63.7064, 0.3127,
0.3293

■ 47.2333, 0.2953,
0.5304

■ 67.9068, 0.3156,
0.3098

■ 46.4397, 0.2953,
0.5568

■ 72.6282, 0.3183,
0.2929

■ 45.9423, 0.2962,
0.5774

■ 74.0810, 0.3148,
0.2841

■ 45.6781, 0.2975,
0.5910

Harmonies

Analogous

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



54.0450, 0.3526, 0.4196



54.0450, 0.3035, 0.4051



54.0450, 0.2591, 0.3639

Triad

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



54.0450, 0.3035, 0.4051



54.0450, 0.2355, 0.2528



54.0450, 0.4024, 0.3334

Complementary

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



54.0450, 0.3035, 0.4051



38.3355, 0.3236, 0.2632

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.



54.0450, 0.3660, 0.2958



54.0450, 0.3035, 0.4051



54.0450, 0.2685, 0.2509

Square

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



54.0450, 0.3035, 0.4051



54.0450, 0.2222, 0.2741



54.0450, 0.3158, 0.2665



54.0450, 0.4120, 0.3728

Rectangle

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



54.0450, 0.3035, 0.4051



54.0450, 0.2377, 0.3303



54.0450, 0.3158, 0.2665



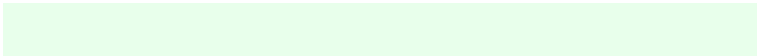
54.0450, 0.3928, 0.3204

Sweetspot

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



54.0473, 0.3035, 0.4051



94.6803, 0.3100, 0.3492



60.1850, 0.3519, 0.4053



20.0942, 0.3095, 0.3527



0.0000, 0.0000, 0.0000



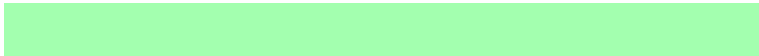
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0473, 0.3035, 0.4051



82.4173, 0.3017, 0.4241



55.2103, 0.2840, 0.3613



13.2304, 0.3099, 0.3499



28.1717, 0.2971, 0.5895



1.5834, 0.2899, 0.5636

Inverse Universe

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



38.3355, 0.3236, 0.2632



54.0171, 0.3263, 0.2496



37.0268, 0.3541, 0.2990



11.9821, 0.3157, 0.3089



10.4620, 0.3555, 0.1732



0.5924, 0.3483, 0.1692

Previews

White Background



This preview shows how the Yxy color 54.0450, 0.3035, 0.4051 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 54.0450, 0.3035, 0.4051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

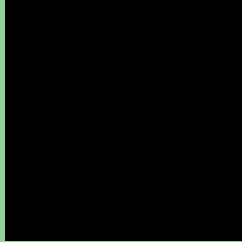
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0450, 0.3035, 0.4051

Background



This preview shows how black text looks on a background with the Yxy color 54.0450, 0.3035, 0.4051.



This preview shows how white text looks on a background with the Yxy color 54.0450, 0.3035, 0.4051.

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

54.0450, 0.3035, 0.4051

Protanopia

53.5119, 0.3605, 0.3853

Deuteranopia

53.4683, 0.3680, 0.3606



Tritanopia

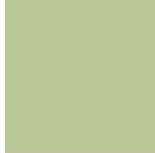
54.0521, 0.2713, 0.3086

Trichromacy



Original Color

54.0450, 0.3035, 0.4051



Protanomaly

53.3631, 0.3377, 0.3923



Deuteranomaly

52.7537, 0.3428, 0.3756



Tritanomaly

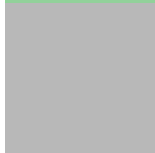
53.9508, 0.2832, 0.3421

Monochromacy



Original Color

54.0450, 0.3035, 0.4051



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

49.7031, 0.3091, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0450, 0.3035, 0.4051 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(146, 209, 154)` looks like.

```
.text, #text, p{  
    color:rgb(146, 209, 154)  
}
```

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(146, 209, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 209, 154) }
```

Border

The CSS property to change the border of an element to Yxy 54.0450, 0.3035, 0.4051 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(146, 209, 154) }
```

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

```
.border{ border-color:rgb(146, 209, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 209, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 209, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 209, 154);  
box-shadow:4px 4px 4px 4px rgb(146, 209,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0450, 0.3035, 0.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 209, 154) }
```

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

```
.background{ background-color: rgb(146,  
209, 154) }
```

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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