

Converting Colors

$Yxy(52.3323, 0.3061, 0.4089)$

Have a look what the booklet for
Yxy(52.3323, 0.3061, 0.4089)
contains.

Yxy(52.3323, 0.3061, 0.4089)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.3323, 0.3061, 0.4089)

Conversions

Conversions Part 1

Format	Color
Hex	91CE95
RGB	145, 206, 149
RGB Percent	57%, 81%, 58%
CMY	0.4313, 0.1922, 0.4156
CMYK	0.30, 0.00, 0.28, 0.19
HSL	124°, 38%, 69%
HSV	124°, 30%, 81%
XYZ	39.1756, 52.3323, 36.4752
YIQ	181.2630, -18.0590, -30.6590

Conversions

Conversions Part 2

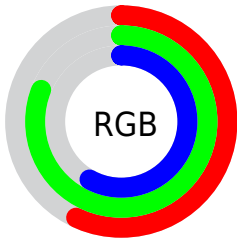
Format	Color
RYB	145, 202, 206
Decimal	9555605
CIELab	77.48, -30.82, 22.27
CIELCh	77, 38.027, 144.155
Yxy	52.3323, 0.3061, 0.4089
Android (android.graphics.Color)	4287745685 (0xFF91CE95)
YUV	181.2630, -15.9057, -31.8027
Hunter-Lab	72.3411, -29.9318, 20.7441

Details

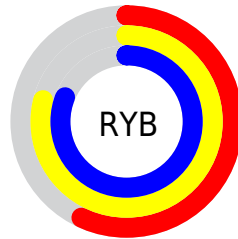
The Yxy color **52.3323, 0.3061, 0.4089** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.6413, 0.3198, 0.2603**, and the grayscale version is **46.4562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1112, 0.3082, 0.3860**, and **25.2904, 0.3024, 0.4325** is the 20% darker color. If you saturate the color by 10%, you get **50.0645, 0.3038, 0.4415**, and if you desaturate by 10%, it is **55.0454, 0.3084, 0.3789**.

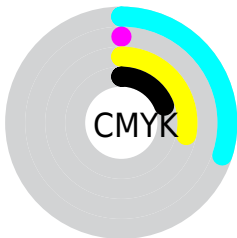
Distribution



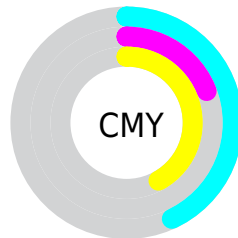
- Red (57%)
- Green (81%)
- Blue (58%)



- Red (57%)
- Yellow (79%)
- Blue (81%)



- Cyan (30%)
- Magenta (0%)
- Yellow (28%)
- Black (19%)





- Cyan (43%)
- Magenta (19%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3323, 0.3061, 0.4089 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 52.3323, 0.3061, 0.4089 by changing the saturation by 10% instead.


 52.3323, 0.3061,
0.4089


 52.3323, 0.3061,
0.4089


395.7181, 0.3103,
0.3679

 37.2700, 0.3047,
0.4194


 93.6211, 0.3079,
0.3938

 25.4166, 0.3028,
0.4331


 120.6165, 0.3085,
0.3881

 16.3877, 0.2999,
0.4516


152.3583, 0.3089,
0.3834

 9.7989, 0.2952,
0.4778

189.2309, 0.3093,
0.3794

 5.2658, 0.2869,
0.5174

231.6188, 0.3096,
0.3759

 2.4041, 0.2733,
0.5914

279.9064, 0.3099,

 0.8280, 0.0400,

0.3729

0.9600

334.4781, 0.3101,
0.3702

0.0000, 0.0000,
0.0000

52.3323, 0.3061,
0.4089

52.3323, 0.3061,
0.4089

50.0645, 0.3038,
0.4415

55.0454, 0.3084,
0.3789

48.2121, 0.3018,
0.4754

58.2189, 0.3107,
0.3519

46.7518, 0.3001,
0.5091

61.8751, 0.3128,
0.3281

45.6553, 0.2989,
0.5401

66.0330, 0.3148,
0.3074

44.8906, 0.2984,
0.5660

70.7106, 0.3166,
0.2896

■ 44.4199, 0.2985,
0.5849

■ 72.6231, 0.3150,
0.2811

■ 44.1808, 0.2990,
0.5960

■ 44.1735, 0.2990,
0.5963

Harmonies

Analogous

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



52.3323, 0.3562, 0.4218



52.3323, 0.3061, 0.4089



52.3323, 0.2600, 0.3677

Triad

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



52.3323, 0.3061, 0.4089



52.3323, 0.2324, 0.2517



52.3323, 0.4031, 0.3310

Complementary

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



52.3323, 0.3061, 0.4089



37.6413, 0.3198, 0.2603

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.



52.3323, 0.3645, 0.2930



52.3323, 0.3061, 0.4089



52.3323, 0.2650, 0.2488

Square

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



52.3323, 0.3061, 0.4089



52.3323, 0.2200, 0.2746



52.3323, 0.3128, 0.2638



52.3323, 0.4148, 0.3713

Rectangle

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



52.3323, 0.3061, 0.4089



52.3323, 0.2375, 0.3332



52.3323, 0.3128, 0.2638



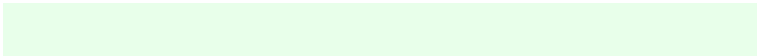
52.3323, 0.3928, 0.3178

Sweetspot

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



52.3345, 0.3061, 0.4089



94.5992, 0.3108, 0.3506



58.8776, 0.3545, 0.4030



20.0744, 0.3104, 0.3544



0.0000, 0.0000, 0.0000



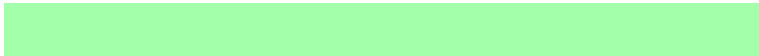
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3345, 0.3061, 0.4089



82.2005, 0.3045, 0.4310



53.4009, 0.2871, 0.3664



12.5487, 0.3107, 0.3513



27.2055, 0.2987, 0.5953



1.4078, 0.2943, 0.5796

Inverse Universe

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



37.6413, 0.3198, 0.2603



54.3637, 0.3217, 0.2447



36.3732, 0.3489, 0.2946



11.3906, 0.3148, 0.3076



10.4425, 0.3379, 0.1635



0.5426, 0.3343, 0.1615

Previews

White Background



This preview shows how the Yxy color 52.3323, 0.3061, 0.4089 looks on a white background.

Color Contrast Check

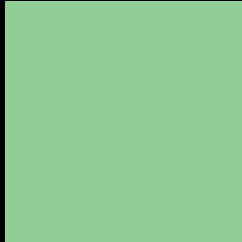
Large Text (above 18pt) WCAG AA × Fail

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 52.3323, 0.3061, 0.4089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

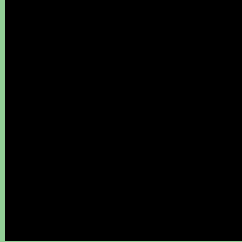
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3323, 0.3061, 0.4089

Background



This preview shows how black text looks on a background with the Yxy color 52.3323, 0.3061, 0.4089.



This preview shows how white text looks on a background with the Yxy color 52.3323, 0.3061, 0.4089.

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

52.3323, 0.3061, 0.4089

Protanopia

51.6173, 0.3629, 0.3886

Deuteranopia

51.7297, 0.3714, 0.3633



Tritanopia

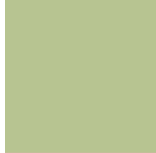
52.3604, 0.2727, 0.3096

Trichromacy



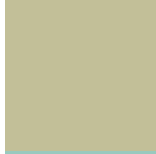
Original Color

52.3323, 0.3061, 0.4089



Protanomaly

51.5915, 0.3404, 0.3957



Deuteranomaly

50.9979, 0.3457, 0.3788



Tritanomaly

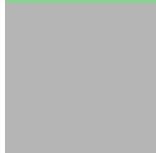
52.2633, 0.2848, 0.3436

Monochromacy



Original Color

52.3323, 0.3061, 0.4089



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

48.0163, 0.3106, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3323, 0.3061, 0.4089 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(145, 206, 149)` looks like.

```
.text, #text, p{  
    color:rgb(145, 206, 149)  
}
```

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(145, 206, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 206, 149) }
```

Border

The CSS property to change the border of an element to Yxy 52.3323, 0.3061, 0.4089 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(145, 206, 149) }
```

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

```
.border{ border-color:rgb(145, 206, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 206, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 206, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 206, 149); box-shadow:4px 4px 4px 4px rgb(145, 206, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3323, 0.3061, 0.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 206, 149) }
```

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

```
.background{ background-color: rgb(145,  
206, 149) }
```

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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