

Converting Colors

Yxy(54.7006, 0.3089, 0.3868)

Have a look what the booklet for
Yxy(54.7006, 0.3089, 0.3868)
contains.

Yxy(54.9514, 0.3092, 0.3877)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.9514, 0.3092, 0.3877)

Conversions

Conversions Part 1

Format	Color
Hex	A2CFA3
RGB	162, 207, 163
RGB Percent	64%, 81%, 64%
CMY	0.3647, 0.1882, 0.3607
CMYK	0.22, 0.00, 0.21, 0.19
HSL	121°, 32%, 72%
HSV	121°, 22%, 81%
XYZ	43.8251, 54.9514, 42.9605
YIQ	188.5290, -12.6960, -23.2240

Conversions

Conversions Part 2

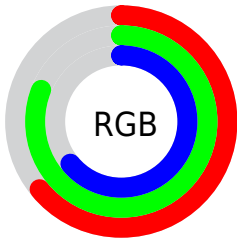
Format	Color
RYB	162, 206, 207
Decimal	10669987
CIELab	79.01, -23.26, 17.13
CIElCh	79, 28.888, 143.640
Yxy	54.9514, 0.3092, 0.3877
Android (android.graphics.Color)	4288860067 (0xFFA2CFA3)
YUV	188.5290, -12.5858, -23.2659
Hunter-Lab	74.1292, -24.1973, 17.5298

Details

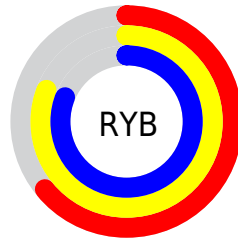
The Yxy color **54.9514, 0.3092, 0.3877** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.5595, 0.3161, 0.2766**, and the grayscale version is **50.6862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3337, 0.3103, 0.3679**, and **26.8554, 0.3073, 0.4044** is the 20% darker color. If you saturate the color by 10%, you get **52.2933, 0.3074, 0.4198**, and if you desaturate by 10%, it is **58.0869, 0.3109, 0.3587**.

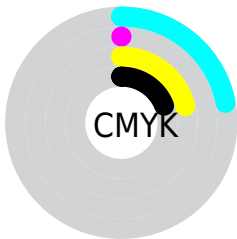
Distribution



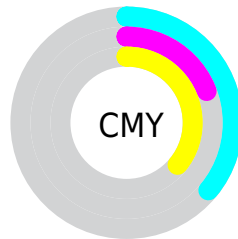
- Red (64%)
- Green (81%)
- Blue (64%)



- Red (64%)
- Yellow (81%)
- Blue (81%)



- Cyan (22%)
- Magenta (0%)
- Yellow (21%)
- Black (19%)





- Cyan (36%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9514, 0.3092, 0.3877 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 54.9514, 0.3092, 0.3877 by changing the saturation by 10% instead.


 54.9514, 0.3092,
0.3877


 54.9514, 0.3092,
0.3877


405.7277, 0.3115,
0.3581

 39.3628, 0.3085,
0.3951

 97.4697, 0.3101,
0.3769

 27.0421, 0.3075,
0.4047


 125.1683, 0.3104,
0.3729

 17.6048, 0.3060,
0.4175


157.6723, 0.3107,
0.3694

 10.6667, 0.3036,
0.4355

195.3661, 0.3109,
0.3665

 5.8432, 0.2995,
0.4623

238.6342, 0.3111,
0.3640

 2.7499, 0.2912,
0.5062

287.8609, 0.3112,

 1.0026, 0.2751,

0.3618

0.7249

343.4306, 0.3113,
0.3598

0.0000, 0.0000,
0.0000

54.9514, 0.3092,
0.3877

54.9514, 0.3092,
0.3877

52.2933, 0.3074,
0.4198

58.0869, 0.3109,
0.3587

50.0828, 0.3055,
0.4542

61.7142, 0.3125,
0.3331

48.2972, 0.3038,
0.4894

65.8558, 0.3139,
0.3108

46.9093, 0.3022,
0.5234

70.5305, 0.3151,
0.2916

45.8887, 0.3009,
0.5533

73.1075, 0.3149,
0.2821

■ 45.2005, 0.3001,
0.5768

■ 44.8034, 0.2998,
0.5921

■ 44.6379, 0.2997,
0.5987

Harmonies

Analogous

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



54.9514, 0.3469, 0.3978



54.9514, 0.3092, 0.3877



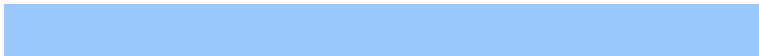
54.9514, 0.2739, 0.3584

Triad

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



54.9514, 0.3092, 0.3877



54.9514, 0.2512, 0.2706



54.9514, 0.3797, 0.3311

Complementary

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



54.9514, 0.3092, 0.3877



43.5595, 0.3161, 0.2766

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.



54.9514, 0.3510, 0.3013



54.9514, 0.3092, 0.3877



54.9514, 0.2763, 0.2674

Square

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



54.9514, 0.3092, 0.3877



54.9514, 0.2418, 0.2892



54.9514, 0.3126, 0.2786



54.9514, 0.3891, 0.3620

Rectangle

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



54.9514, 0.3092, 0.3877



54.9514, 0.2562, 0.3335



54.9514, 0.3126, 0.2786



54.9514, 0.3719, 0.3207

Sweetspot

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



54.9537, 0.3092, 0.3877



95.6976, 0.3116, 0.3464



60.3941, 0.3446, 0.3829



20.4079, 0.3116, 0.3479



0.0000, 0.0000, 0.0000



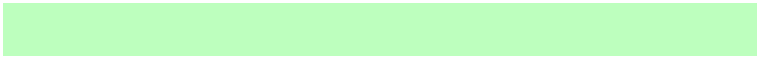
21.4041, 0.3127, 0.3290

Same Dimension

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



54.9537, 0.3092, 0.3877



86.0280, 0.3084, 0.4020



55.8216, 0.2945, 0.3574



13.2106, 0.3113, 0.3525



28.1246, 0.2995, 0.5984



1.5741, 0.2981, 0.5930

Inverse Universe

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



43.5595, 0.3161, 0.2766



64.6484, 0.3169, 0.2654



42.5549, 0.3359, 0.3023



12.0042, 0.3141, 0.3066



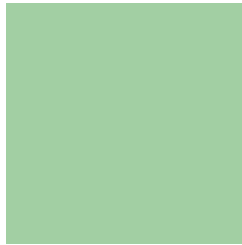
11.0537, 0.3267, 0.1573



0.6196, 0.3256, 0.1567

Previews

White Background



This preview shows how the Yxy color 54.9514, 0.3092, 0.3877 looks on a white background.

Color Contrast Check

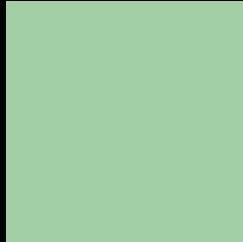
Large Text (above 18pt) WCAG AA × Fail

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 54.9514, 0.3092, 0.3877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

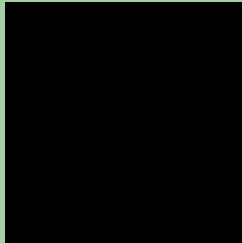
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9514, 0.3092, 0.3877

Background



This preview shows how black text looks on a background with the Yxy color 54.9514, 0.3092, 0.3877.



This preview shows how white text looks on a background with the Yxy color 54.9514, 0.3092, 0.3877.

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

54.9514, 0.3092, 0.3877

Protanopia

54.7299, 0.3520, 0.3753

Deuteranopia

54.6038, 0.3606, 0.3535



Tritanopia

54.9243, 0.2805, 0.3091

Trichromacy



Original Color

54.9514, 0.3092, 0.3877

Protanomaly

54.4264, 0.3360, 0.3796

Deuteranomaly

54.2009, 0.3398, 0.3648

Tritanomaly

55.0679, 0.2909, 0.3366

Monochromacy



Original Color

54.9514, 0.3092, 0.3877

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.3588, 0.3110, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9514, 0.3092, 0.3877 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(162, 207, 163)` looks like.

```
.text, #text, p{  
    color:rgb(162, 207, 163)  
}
```

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(162, 207, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 207, 163) }
```

Border

The CSS property to change the border of an element to Yxy 54.9514, 0.3092, 0.3877 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(162, 207, 163) }
```

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

```
.border{ border-color:rgb(162, 207, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 207, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 207, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 207, 163);  
box-shadow:4px 4px 4px 4px rgb(162, 207,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9514, 0.3092, 0.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 207, 163) }
```

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

```
.background{ background-color: rgb(162,  
207, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor