

Converting Colors

Yxy(54.7399, 0.3461, 0.5087)

Have a look what the booklet for
Yxy(54.7399, 0.3461, 0.5087)
contains.

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Color

Yxy(54.7399, 0.3461, 0.5087)

Conversions

Conversions Part 1

Format	Color
Hex	92D64D
RGB	146, 214, 77
RGB Percent	57%, 84%, 30%
CMY	0.4274, 0.1608, 0.6980
CMYK	0.32, 0.00, 0.64, 0.16
HSL	90°, 63%, 57%
HSV	90°, 64%, 84%
XYZ	37.2429, 54.7399, 15.6246
YIQ	178.0500, 3.4490, -57.0230

Conversions

Conversions Part 2

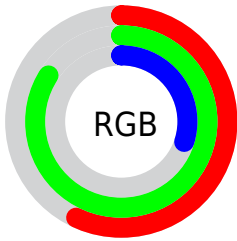
Format	Color
RYB	77, 214, 145
Decimal	9623117
CIELab	78.89, -43.13, 58.90
CIELCh	79, 73.003, 126.217
Yxy	54.7399, 0.3461, 0.5087
Android (android.graphics.Color)	4287813197 (0xFF92D64D)
YUV	178.0500, -49.8176, -28.1078
Hunter-Lab	73.9864, -39.6237, 39.2695

Details

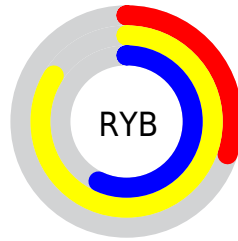
The Yxy color **54.7399, 0.3461, 0.5087** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **16.1824, 0.2451, 0.1498**, and the grayscale version is **44.8197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8825, 0.3481, 0.4631**, and **26.9990, 0.3448, 0.5578** is the 20% darker color. If you saturate the color by 10%, you get **53.5594, 0.3461, 0.5326**, and if you desaturate by 10%, it is **56.1150, 0.3440, 0.4813**.

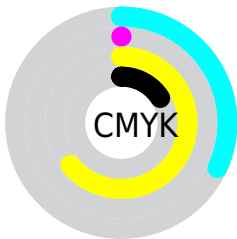
Distribution



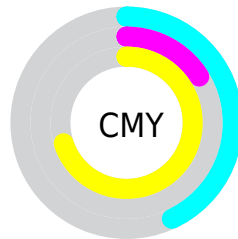
- Red (57%)
- Green (84%)
- Blue (30%)



- Red (30%)
- Yellow (84%)
- Blue (57%)



- Cyan (32%)
- Magenta (0%)
- Yellow (64%)
- Black (16%)





- Cyan (43%)
- Magenta (16%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7399, 0.3461, 0.5087 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 54.7399, 0.3461, 0.5087 by changing the saturation by 10% instead.


 54.7399, 0.3461,
0.5087


 54.7399, 0.3461,
0.5087


404.9252, 0.3359,
0.4177

 39.1935, 0.3461,
0.5306


 97.1598, 0.3442,
0.4760


 26.9103, 0.3447,
0.5576


 124.8020, 0.3429,
0.4635


 17.5059, 0.3401,
0.5915

 157.2451, 0.3416,
0.4530

 10.5958, 0.3303,
0.6355

 194.8732, 0.3404,
0.4439

 5.7958, 0.3084,
0.6916

 238.0709, 0.3392,
0.4360

 2.7213, 0.2564,
0.7436

287.2226, 0.3380,

 0.9880, 0.0000,

0.4291

1.0000

342.7125, 0.3369,
0.4231

■ 0.0000, 0.0000,
0.0000

■ 54.7399, 0.3461,
0.5087

■ 54.7399, 0.3461,
0.5087

■ 53.5594, 0.3461,
0.5326

■ 56.1150, 0.3440,
0.4813

■ 52.5538, 0.3439,
0.5517

■ 57.6886, 0.3401,
0.4519

■ 51.7104, 0.3396,
0.5651

■ 59.4734, 0.3349,
0.4220

■ 51.2696, 0.3365,
0.5711

■ 61.4785, 0.3288,
0.3926

■ 63.7126, 0.3222,
0.3647

66.1840, 0.3154,
0.3388

68.9002, 0.3087,
0.3151

71.8685, 0.3022,
0.2936

74.1191, 0.3052,
0.2879

Harmonies

Analogous

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



54.7399, 0.4301, 0.4799



54.7399, 0.3461, 0.5087



54.7399, 0.2581, 0.4636

Triad

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



54.7399, 0.3461, 0.5087



54.7399, 0.1582, 0.2083



54.7399, 0.4446, 0.2865

Complementary

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



54.7399, 0.3461, 0.5087



16.1824, 0.2451, 0.1498

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.



54.7399, 0.3492, 0.2334



54.7399, 0.3461, 0.5087



54.7399, 0.1906, 0.1893

Square

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



54.7399, 0.3461, 0.5087



54.7399, 0.1572, 0.2636



54.7399, 0.2556, 0.1991



54.7399, 0.4980, 0.3499

Rectangle

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



54.7399, 0.3461, 0.5087



54.7399, 0.2091, 0.3963



54.7399, 0.2556, 0.1991



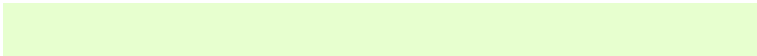
54.7399, 0.4153, 0.2672

Sweetspot

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



54.7423, 0.3461, 0.5087



92.9849, 0.3257, 0.3790



34.5434, 0.4574, 0.4059



19.7006, 0.3276, 0.3871



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.



54.7423, 0.3461, 0.5087



79.0572, 0.3456, 0.5404



50.3042, 0.3041, 0.5342



14.2002, 0.3191, 0.3526



31.0509, 0.3375, 0.5702



1.9221, 0.3506, 0.5598

Inverse Universe

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



16.1824, 0.2451, 0.1498



17.3884, 0.2268, 0.1184



24.1189, 0.3170, 0.1827



12.3083, 0.3058, 0.3054



4.8556, 0.2022, 0.0887



0.3421, 0.2211, 0.0992

Previews

White Background



This preview shows how the Yxy color 54.7399, 0.3461, 0.5087 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 54.7399, 0.3461, 0.5087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

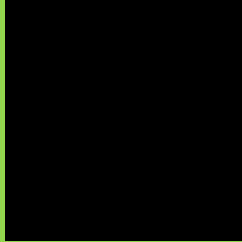
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7399, 0.3461, 0.5087

Background



This preview shows how black text looks on a background with the Yxy color 54.7399, 0.3461, 0.5087.



This preview shows how white text looks on a background with the Yxy color 54.7399, 0.3461, 0.5087.

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

54.7399, 0.3461, 0.5087

Protanopia

54.2498, 0.4194, 0.4615

Deuteranopia

54.0706, 0.4400, 0.4302



Tritanopia

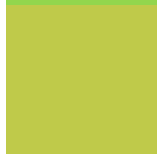
54.2658, 0.2764, 0.3088

Trichromacy



Original Color

54.7399, 0.3461, 0.5087



Protanomaly

53.8118, 0.3907, 0.4796



Deuteranomaly

53.2262, 0.4031, 0.4589



Tritanomaly

53.6484, 0.3050, 0.3830

Monochromacy



Original Color

54.7399, 0.3461, 0.5087



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

47.2917, 0.3299, 0.3983

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7399, 0.3461, 0.5087 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, 214, 77)` looks like.

```
.text, #text, p{  
    color:rgb(146, 214, 77)  
}
```

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, 214, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 214, 77) }
```

Border

The CSS property to change the border of an element to Yxy 54.7399, 0.3461, 0.5087 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, 214, 77) }
```

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

```
.border{ border-color:rgb(146, 214, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 214, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 214, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 214, 77);  
box-shadow:4px 4px 4px 4px rgb(146, 214,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7399, 0.3461, 0.5087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 214, 77) }
```

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

```
.background{ background-color: rgb(146,  
214, 77) }
```

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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