

Converting Colors

Yxy(54.9134, 0.3593, 0.4596)

Have a look what the booklet for
Yxy(54.9134, 0.3593, 0.4596)
contains.

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Color

Yxy(54.9927, 0.3592, 0.4594)

Conversions

Conversions Part 1

Format	Color
Hex	B1CF69
RGB	177, 207, 105
RGB Percent	69%, 81%, 41%
CMY	0.3058, 0.1882, 0.5882
CMYK	0.14, 0.00, 0.49, 0.19
HSL	78°, 52%, 61%
HSV	78°, 49%, 81%
XYZ	42.9982, 54.9927, 21.7146
YIQ	186.4020, 14.8620, -38.0820

Conversions

Conversions Part 2

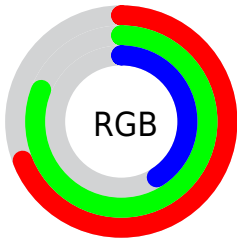
Format	Color
RYB	105, 207, 135
Decimal	11652969
CIELab	79.04, -25.81, 47.01
CIELCh	79, 53.627, 118.770
Yxy	54.9927, 0.3592, 0.4594
Android (android.graphics.Color)	4289843049 (0xFFB1CF69)
YUV	186.4020, -40.1312, -8.2456
Hunter-Lab	74.1571, -26.2759, 34.5487

Details

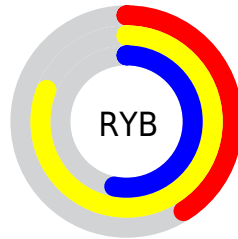
The Yxy color **54.9927, 0.3592, 0.4594** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **19.7595, 0.2446, 0.1838**, and the grayscale version is **49.5672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4810, 0.3556, 0.4288**, and **27.1864, 0.3655, 0.4948** is the 20% darker color. If you saturate the color by 10%, you get **53.9213, 0.3656, 0.4843**, and if you desaturate by 10%, it is **56.2045, 0.3511, 0.4327**.

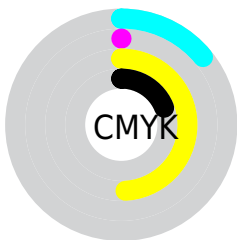
Distribution



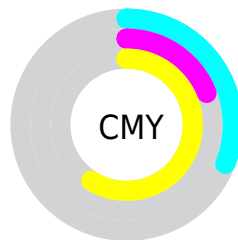
- Red (69%)
- Green (81%)
- Blue (41%)



- Red (41%)
- Yellow (81%)
- Blue (53%)



- Cyan (14%)
- Magenta (0%)
- Yellow (49%)
- Black (19%)




- Cyan (31%)
- Magenta (19%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9927, 0.3592, 0.4594 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 54.9927, 0.3592, 0.4594 by changing the saturation by 10% instead.


 54.9927, 0.3592,
0.4594

 54.9927, 0.3592,
0.4594


405.8843, 0.3396,
0.3943

 39.3959, 0.3627,
0.4751


 97.5303, 0.3530,
0.4361

 27.0678, 0.3663,
0.4947


 125.2398, 0.3504,
0.4272

 17.6242, 0.3696,
0.5196

 157.7557, 0.3481,
0.4196

 10.6805, 0.3711,
0.5517

 195.4623, 0.3460,
0.4131

 5.8524, 0.3741,
0.6039

238.7441, 0.3441,
0.4075

 2.7556, 0.3514,
0.6486

287.9854, 0.3425,

 1.0055, 0.2419,

0.4026

0.7581

343.5707, 0.3409,
0.3982

■ 0.0000, 0.0000,
0.0000

■ 54.9927, 0.3592,
0.4594

■ 54.9927, 0.3592,
0.4594

■ 53.9213, 0.3656,
0.4843

■ 56.2045, 0.3511,
0.4327

■ 52.9748, 0.3699,
0.5061

■ 57.5566, 0.3419,
0.4052

■ 52.1465, 0.3717,
0.5239


■ 59.0580, 0.3321,
0.3781


■ 51.4259, 0.3710,
0.5369

■ 60.7151, 0.3220,
0.3519

■ 50.7950, 0.3682,
0.5455


■ 62.5336, 0.3120,
0.3273

 50.7509, 0.3679,
0.5461

 64.5191, 0.3023,
0.3044

 66.6766, 0.2931,
0.2835

 67.9647, 0.2941,
0.2791

 68.9640, 0.2984,
0.2797

Harmonies

Analogous

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



54.9927, 0.4185, 0.4367



54.9927, 0.3592, 0.4594



54.9927, 0.2908, 0.4369

Triad

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



54.9927, 0.3592, 0.4594



54.9927, 0.1900, 0.2468



54.9927, 0.3943, 0.2868

Complementary

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



54.9927, 0.3592, 0.4594



19.7595, 0.2446, 0.1838

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.



54.9927, 0.3227, 0.2470



54.9927, 0.3592, 0.4594



54.9927, 0.2100, 0.2228

Square

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



54.9927, 0.3592, 0.4594



54.9927, 0.1969, 0.2987



54.9927, 0.2559, 0.2241



54.9927, 0.4437, 0.3370

Rectangle

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



54.9927, 0.3592, 0.4594



54.9927, 0.2494, 0.3964



54.9927, 0.2559, 0.2241



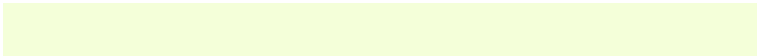
54.9927, 0.3715, 0.2720

Sweetspot

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



54.9952, 0.3592, 0.4594



95.7066, 0.3280, 0.3672



31.3096, 0.4300, 0.3659



20.3662, 0.3301, 0.3729



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.



54.9952, 0.3592, 0.4594



86.3472, 0.3658, 0.4853



50.1656, 0.3201, 0.4774



13.6159, 0.3221, 0.3523



32.0264, 0.3686, 0.5455



1.8305, 0.3783, 0.5379

Inverse Universe

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



19.7595, 0.2446, 0.1838



23.5996, 0.2265, 0.1510



24.9119, 0.2948, 0.2023



11.5836, 0.3027, 0.3053



3.5030, 0.1700, 0.0710



0.2368, 0.1903, 0.0822

Previews

White Background



This preview shows how the Yxy color 54.9927, 0.3592, 0.4594 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 54.9927, 0.3592, 0.4594 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 54.9927, 0.3592, 0.4594

Background



This preview shows how black text looks on a background with the Yxy color 54.9927, 0.3592, 0.4594.



This preview shows how white text looks on a background with the Yxy color 54.9927, 0.3592, 0.4594.

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

54.9927, 0.3592, 0.4594

Protanopia

54.4169, 0.4007, 0.4371

Deuteranopia

54.4207, 0.4203, 0.4111



Tritanopia

54.6805, 0.2973, 0.3096

Trichromacy



Original Color

54.9927, 0.3592, 0.4594

Protanomaly

54.2237, 0.3855, 0.4456

Deuteranomaly

54.2652, 0.3975, 0.4287

Tritanomaly

54.1397, 0.3214, 0.3634

Monochromacy



Original Color

54.9927, 0.3592, 0.4594

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

51.0852, 0.3317, 0.3773

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9927, 0.3592, 0.4594 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(177, 207, 105)` looks like.

```
.text, #text, p{  
    color:rgb(177, 207, 105)  
}
```

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(177, 207, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 207, 105) }
```

Border

The CSS property to change the border of an element to Yxy 54.9927, 0.3592, 0.4594 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(177, 207, 105) }
```

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

```
.border{ border-color:rgb(177, 207, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 207, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 207, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 207, 105);  
box-shadow:4px 4px 4px 4px rgb(177, 207,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9927, 0.3592, 0.4594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 207, 105) }
```

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

```
.background{ background-color: rgb(177,  
207, 105) }
```

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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