

Converting Colors

$Yxy(54.5475, 0.3381, 0.4658)$

Have a look what the booklet for
Yxy(54.5475, 0.3381, 0.4658)
contains.

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Color

Yxy(54.6612, 0.3377, 0.4665)

Conversions

Conversions Part 1

Format	Color
Hex	9BD36D
RGB	155, 211, 109
RGB Percent	61%, 83%, 43%
CMY	0.3923, 0.1725, 0.5724
CMYK	0.27, 0.00, 0.48, 0.17
HSL	93°, 54%, 63%
HSV	93°, 48%, 83%
XYZ	39.5693, 54.6612, 22.9425
YIQ	182.6280, -0.6340, -43.5940

Conversions

Conversions Part 2

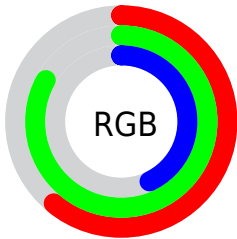
Format	Color
RYB	109, 211, 165
Decimal	10212205
CIELab	78.85, -35.47, 44.52
CIELCh	79, 56.920, 128.550
Yxy	54.6612, 0.3377, 0.4665
Android (android.graphics.Color)	4288402285 (0xFF9BD36D)
YUV	182.6280, -36.2986, -24.2298
Hunter-Lab	73.9332, -33.8493, 33.3548

Details

The Yxy color **54.6612, 0.3377, 0.4665** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **23.6559, 0.2710, 0.1957**, and the grayscale version is **47.3419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9775, 0.3379, 0.4299**, and **26.8491, 0.3393, 0.5056** is the 20% darker color. If you saturate the color by 10%, you get **53.1697, 0.3401, 0.4961**, and if you desaturate by 10%, it is **56.3768, 0.3339, 0.4359**.

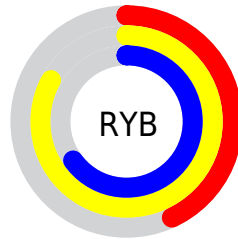
Distribution



Red (61%)

Green (83%)

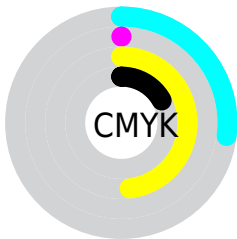
Blue (43%)



Red (43%)

Yellow (83%)

Blue (65%)

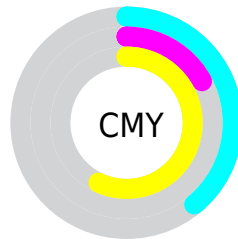


Cyan (27%)

Magenta (0%)

Yellow (48%)

Black (17%)



Cyan (39%)


Magenta (17%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6612, 0.3377, 0.4665 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 54.6612, 0.3377, 0.4665 by changing the saturation by 10% instead.


 54.6612, 0.3377,
0.4665


 54.6612, 0.3377,
0.4665

404.6264, 0.3287,
0.3964


 39.1305, 0.3387,
0.4839


 97.0444, 0.3353,
0.4410


 26.8613, 0.3391,
0.5060


 124.6657, 0.3342,
0.4314

 17.4691, 0.3383,
0.5348


 157.0860, 0.3331,
0.4233

 10.5695, 0.3344,
0.5731

 194.6897, 0.3321,
0.4164

 5.7782, 0.3273,
0.6327

237.8612, 0.3311,
0.4104

 2.7107, 0.2975,
0.7025

286.9849, 0.3302,

 0.9826, 0.0619,


0.4051


0.9381


342.4451, 0.3294,
0.4005


 0.0000, 0.0000,
0.0000


 54.6612, 0.3377,
0.4665

 54.6612, 0.3377,
0.4665

 53.1697, 0.3401,
0.4961

 56.3768, 0.3339,
0.4359

 51.8840, 0.3406,
0.5231


 58.3193, 0.3290,
0.4057

 50.7944, 0.3391,
0.5459

 60.5006, 0.3235,
0.3767


 49.8867, 0.3356,
0.5632

 62.9296, 0.3177,
0.3497


 49.1417, 0.3304,
0.5749

 65.6144, 0.3117,
0.3250

 49.0286, 0.3295,
0.5766

 68.5630, 0.3059,
0.3027

 71.6701, 0.3014,
0.2843

 73.7215, 0.3096,
0.2854

 75.0730, 0.3147,
0.2861

Harmonies

Analogous

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



54.6612, 0.4058, 0.4546



54.6612, 0.3377, 0.4665



54.6612, 0.2667, 0.4254

Triad

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



54.6612, 0.3377, 0.4665



54.6612, 0.1872, 0.2304



54.6612, 0.4206, 0.3005

Complementary

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



54.6612, 0.3377, 0.4665



23.6559, 0.2710, 0.1957

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.



54.6612, 0.3486, 0.2545



54.6612, 0.3377, 0.4665



54.6612, 0.2171, 0.2148

Square

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



54.6612, 0.3377, 0.4665



54.6612, 0.1850, 0.2751



54.6612, 0.2734, 0.2241



54.6612, 0.4598, 0.3548

Rectangle

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



54.6612, 0.3377, 0.4665



54.6612, 0.2274, 0.3750



54.6612, 0.2734, 0.2241



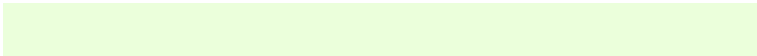
54.6612, 0.3989, 0.2838

Sweetspot

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



54.6636, 0.3377, 0.4665



94.3774, 0.3211, 0.3652



41.2995, 0.4104, 0.3960



20.0301, 0.3223, 0.3712



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.



54.6636, 0.3377, 0.4665



81.5505, 0.3401, 0.4970



51.0261, 0.3038, 0.4761



13.4632, 0.3183, 0.3526



29.6450, 0.3306, 0.5757



1.7044, 0.3451, 0.5642

Inverse Universe

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



23.6559, 0.2710, 0.1957



28.4956, 0.2591, 0.1672



29.3301, 0.3216, 0.2160



11.7332, 0.3067, 0.3056



5.1389, 0.2130, 0.0947



0.3341, 0.2320, 0.1052

Previews

White Background



This preview shows how the Yxy color 54.6612, 0.3377, 0.4665 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 54.6612, 0.3377, 0.4665 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 54.6612, 0.3377, 0.4665

Background



This preview shows how black text looks on a background with the Yxy color 54.6612, 0.3377, 0.4665.



This preview shows how white text looks on a background with the Yxy color 54.6612, 0.3377, 0.4665.

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

54.6612, 0.3377, 0.4665

Protanopia

54.3056, 0.3985, 0.4355

Deuteranopia

54.1885, 0.4148, 0.4068



Tritanopia

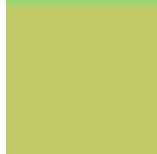
54.4111, 0.2810, 0.3090

Trichromacy



Original Color

54.6612, 0.3377, 0.4665



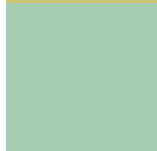
Protanomaly

54.1307, 0.3755, 0.4474



Deuteranomaly

53.4879, 0.3855, 0.4275



Tritanomaly

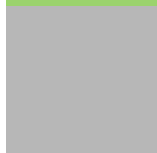
53.8458, 0.3028, 0.3646

Monochromacy



Original Color

54.6612, 0.3377, 0.4665



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

49.4245, 0.3242, 0.3788

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6612, 0.3377, 0.4665 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(155, 211, 109)` looks like.

```
.text, #text, p{  
    color:rgb(155, 211, 109)  
}
```

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(155, 211, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 211, 109) }
```

Border

The CSS property to change the border of an element to Yxy 54.6612, 0.3377, 0.4665 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(155, 211, 109) }
```

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

```
.border{ border-color:rgb(155, 211, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 211, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 211, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 211, 109);  
box-shadow:4px 4px 4px 4px rgb(155, 211,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6612, 0.3377, 0.4665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 211, 109) }
```

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

```
.background{ background-color: rgb(155,  
211, 109) }
```

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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