

Converting Colors

$Yxy(39.0888, 0.3043, 0.5237)$

Have a look what the booklet for
Yxy(39.0888, 0.3043, 0.5237)
contains.

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Color

Yxy(39.2519, 0.3041, 0.5242)

Conversions

Conversions Part 1

Format	Color
Hex	4BBF4A
RGB	75, 191, 74
RGB Percent	29%, 75%, 29%
CMY	0.7057, 0.2510, 0.7097
CMYK	0.61, 0.00, 0.61, 0.25
HSL	119°, 48%, 52%
HSV	119°, 61%, 75%
XYZ	22.7709, 39.2519, 12.8568
YIQ	142.9780, -31.5790, -60.9790

Conversions

Conversions Part 2

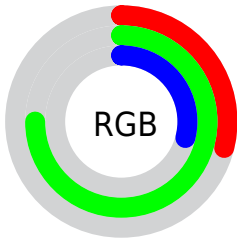
Format	Color
RYB	74, 191, 190
Decimal	4964170
CIELab	68.93, -55.55, 48.32
CIELCh	69, 73.625, 138.984
Yxy	39.2519, 0.3041, 0.5242
Android (android.graphics.Color)	4283154250 (0xFF4BBF4A)
YUV	142.9780, -34.0062, -59.6167
Hunter-Lab	62.6513, -44.7633, 31.6889

Details

The Yxy color **39.2519, 0.3041, 0.5242** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **19.6055, 0.3181, 0.1885**, and the grayscale version is **27.6118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8180, 0.3097, 0.4824**, and **17.6520, 0.2964, 0.5869** is the 20% darker color. If you saturate the color by 10%, you get **38.3804, 0.3026, 0.5543**, and if you desaturate by 10%, it is **40.4320, 0.3057, 0.4900**.

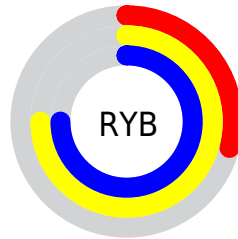
Distribution



Red (29%)

Green (75%)

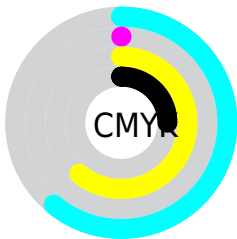
Blue (29%)



Red (29%)

Yellow (75%)

Blue (75%)

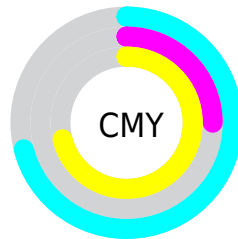


Cyan (61%)

Magenta (0%)

Yellow (61%)

Black (25%)



Cyan (71%)


Magenta (25%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2519, 0.3041, 0.5242 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 39.2519, 0.3041, 0.5242 by changing the saturation by 10% instead.

 39.2519, 0.3041,
0.5242

 39.2519, 0.3041,
0.5242


342.9603, 0.3147,
0.4166


 26.9557, 0.2986,
0.5535


 74.0230, 0.3099,
0.4830

 17.5400, 0.2897,
0.5919


 97.2667, 0.3114,
0.4682

 10.6202, 0.2742,
0.6434


 124.9284, 0.3125,
0.4558

 5.8121, 0.2528,
0.7333

 157.3924, 0.3133,
0.4455

 2.7312, 0.1889,
0.8111

 195.0433, 0.3138,
0.4366

 0.9930, 0.0000,
1.0000

238.2652, 0.3142,

 0.0000, 0.0000,

0.4290

0.0000

287.4428, 0.3145,
0.4224

■ 39.2519, 0.3041,
0.5242

■ 39.2519, 0.3041,
0.5242

■ 38.3804, 0.3026,
0.5543

■ 40.4320, 0.3057,
0.4900

■ 37.7843, 0.3014,
0.5777

■ 41.9405, 0.3073,
0.4544

■ 37.4321, 0.3006,
0.5927

■ 43.8012, 0.3089,
0.4196

■ 37.2724, 0.3002,
0.5999

■ 46.0343, 0.3103,
0.3872

■ 48.6585, 0.3115,
0.3579

■ 51.6913, 0.3126,
0.3320

■ 55.1492, 0.3135,
0.3095

■ 59.0475, 0.3143,
0.2900

■ 63.4011, 0.3150,
0.2733

Harmonies

Analogous

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



39.2519, 0.4014, 0.5173



39.2519, 0.3041, 0.5242



39.2519, 0.2141, 0.4356

Triad

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



39.2519, 0.3041, 0.5242



39.2519, 0.1544, 0.1827



39.2519, 0.4946, 0.3087

Complementary

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



39.2519, 0.3041, 0.5242



19.6055, 0.3181, 0.1885

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.



39.2519, 0.4014, 0.2460



39.2519, 0.3041, 0.5242



39.2519, 0.2036, 0.1771

Square

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



39.2519, 0.3041, 0.5242



39.2519, 0.1388, 0.2233



39.2519, 0.2896, 0.1995



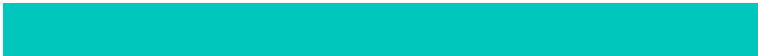
39.2519, 0.5224, 0.3789

Rectangle

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



39.2519, 0.3041, 0.5242



39.2519, 0.1713, 0.3503



39.2519, 0.2896, 0.1995



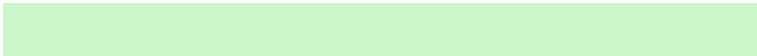
39.2519, 0.4692, 0.2866

Sweetspot

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



39.2535, 0.3041, 0.5242



83.7662, 0.3107, 0.3782



47.9878, 0.3993, 0.4682



18.1063, 0.3103, 0.3871



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



39.2535, 0.3041, 0.5242



68.3804, 0.3022, 0.5619



40.3448, 0.2726, 0.4309



10.6535, 0.3117, 0.3527



24.4968, 0.3002, 0.5998



0.9609, 0.3011, 0.5991

Inverse Universe

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



19.6055, 0.3181, 0.1885



30.2777, 0.3186, 0.1699



17.7099, 0.4003, 0.2507



9.6919, 0.3136, 0.3064



9.6120, 0.3188, 0.1530



0.3779, 0.3193, 0.1533

Previews

White Background



This preview shows how the Yxy color 39.2519, 0.3041, 0.5242 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 39.2519, 0.3041, 0.5242 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 39.2519, 0.3041, 0.5242

Background



This preview shows how black text looks on a background with the Yxy color 39.2519, 0.3041, 0.5242.

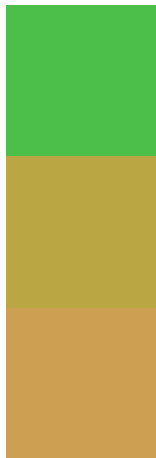


This preview shows how white text looks on a background with the Yxy color 39.2519, 0.3041, 0.5242.

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

39.2519, 0.3041, 0.5242

Protanopia

38.4818, 0.4154, 0.4557

Deuteranopia

38.3999, 0.4297, 0.4217



Tritanopia

39.0335, 0.2480, 0.3078

Trichromacy



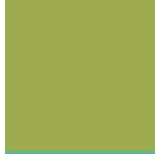
Original Color

39.2519, 0.3041, 0.5242



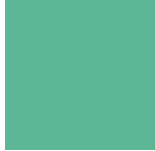
Protanomaly

37.6039, 0.3669, 0.4843



Deuteranomaly

36.9741, 0.3753, 0.4609



Tritanomaly

38.3961, 0.2690, 0.3832

Monochromacy



Original Color

39.2519, 0.3041, 0.5242



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

30.3012, 0.3093, 0.4020

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2519, 0.3041, 0.5242 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(75, 191, 74)` looks like.

```
.text, #text, p{  
    color:rgb(75, 191, 74)  
}
```

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(75, 191, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 191, 74) }
```

Border

The CSS property to change the border of an element to Yxy 39.2519, 0.3041, 0.5242 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(75, 191, 74) }
```

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

```
.border{ border-color:rgb(75, 191, 74) }
```

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

Here you see how a box with a 4 pixel rgb(75, 191, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 191, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 191, 74);  
box-shadow:4px 4px 4px 4px rgb(75, 191,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2519, 0.3041, 0.5242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 191, 74) }
```

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

```
.background{ background-color: rgb(75, 191,  
74) }
```

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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