

Converting Colors

$Yxy(54.5573, 0.3071, 0.4487)$

Have a look what the booklet for
Yxy(54.5573, 0.3071, 0.4487)
contains.

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Color

Yxy(54.4507, 0.3071, 0.4485)

Conversions

Conversions Part 1

Format	Color
Hex	82D682
RGB	130, 214, 130
RGB Percent	51%, 84%, 51%
CMY	0.4902, 0.1608, 0.4901
CMYK	0.39, 0.00, 0.39, 0.16
HSL	120°, 51%, 67%
HSV	120°, 39%, 84%
XYZ	37.2839, 54.4507, 29.6717
YIQ	179.3080, -23.1000, -43.9320

Conversions

Conversions Part 2

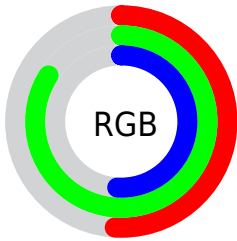
Format	Color
RYB	130, 214, 214
Decimal	8574594
CIELab	78.72, -42.28, 33.65
CIElCh	79, 54.036, 141.482
Yxy	54.4507, 0.3071, 0.4485
Android (android.graphics.Color)	4286764674 (0xFF82D682)
YUV	179.3080, -24.3088, -43.2431
Hunter-Lab	73.7907, -38.9440, 27.8126

Details

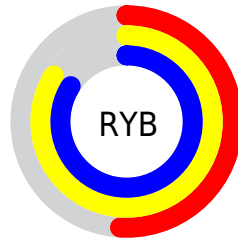
The Yxy color **54.4507, 0.3071, 0.4485** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **35.1185, 0.3172, 0.2328**, and the grayscale version is **45.3967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4198, 0.3101, 0.4097**, and **26.8566, 0.3024, 0.4859** is the 20% darker color. If you saturate the color by 10%, you get **52.4167, 0.3054, 0.4844**, and if you desaturate by 10%, it is **56.9607, 0.3087, 0.4137**.

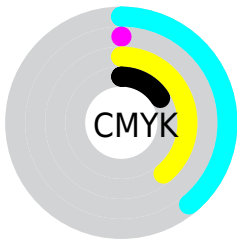
Distribution



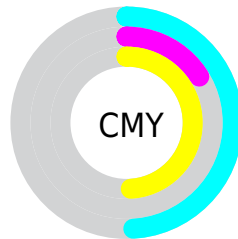
- Red (51%)
- Green (84%)
- Blue (51%)



- Red (51%)
- Yellow (84%)
- Blue (84%)



- Cyan (39%)
- Magenta (0%)
- Yellow (39%)
- Black (16%)




- Cyan (49%)
- Magenta (16%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4507, 0.3071, 0.4485 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 54.4507, 0.3071, 0.4485 by changing the saturation by 10% instead.

 54.4507, 0.3071,
0.4485


 54.4507, 0.3071,
0.4485

403.8263, 0.3121,
0.3867

 38.9621, 0.3051,
0.4644


 96.7357, 0.3094,
0.4257

 26.7302, 0.3022,
0.4849


 124.3009, 0.3102,
0.4172

 17.3707, 0.2975,
0.5124


 156.6603, 0.3107,
0.4101

 10.4992, 0.2895,
0.5508

194.1985, 0.3111,
0.4040

 5.7312, 0.2746,
0.6071

237.2998, 0.3114,
0.3988

 2.6823, 0.2599,
0.7401

286.3487, 0.3117,

 0.9682, 0.0000,

0.3943

1.0000

341.7294, 0.3119,
0.3903

0.0000, 0.0000,
0.0000

54.4507, 0.3071,
0.4485

54.4507, 0.3071,
0.4485

52.4167, 0.3054,
0.4844

56.9607, 0.3087,
0.4137

50.8223, 0.3038,
0.5193

59.9667, 0.3102,
0.3815

49.6371, 0.3023,
0.5505

63.4958, 0.3116,
0.3526

48.8238, 0.3012,
0.5751

67.5714, 0.3128,
0.3272

48.3384, 0.3004,
0.5913

72.2151, 0.3138,
0.3052

■ 48.1081, 0.3000,
0.5995

■ 76.5741, 0.3146,
0.2891

■ 48.0942, 0.3000,
0.6000

Harmonies

Analogous

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



54.4507, 0.3756, 0.4587



54.4507, 0.3071, 0.4485



54.4507, 0.2437, 0.3906

Triad

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



54.4507, 0.3071, 0.4485



54.4507, 0.2017, 0.2252



54.4507, 0.4364, 0.3241

Complementary

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



54.4507, 0.3071, 0.4485



35.1185, 0.3172, 0.2328

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.



54.4507, 0.3785, 0.2754



54.4507, 0.3071, 0.4485



54.4507, 0.2418, 0.2207

Square

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



54.4507, 0.3071, 0.4485



54.4507, 0.1880, 0.2560



54.4507, 0.3050, 0.2388



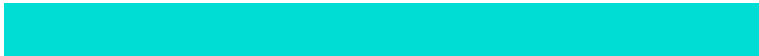
54.4507, 0.4551, 0.3776

Rectangle

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



54.4507, 0.3071, 0.4485



54.4507, 0.2127, 0.3396



54.4507, 0.3050, 0.2388



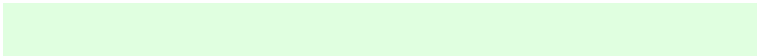
54.4507, 0.4206, 0.3069

Sweetspot

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



54.4530, 0.3071, 0.4485



92.8351, 0.3112, 0.3606



64.0025, 0.3712, 0.4257



19.7191, 0.3111, 0.3643



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.



54.4530, 0.3071, 0.4485



78.4375, 0.3057, 0.4780



55.8194, 0.2823, 0.3871



13.8960, 0.3116, 0.3531



29.0692, 0.3000, 0.6000



1.7533, 0.3000, 0.5999

Inverse Universe

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



35.1185, 0.3172, 0.2328



45.8485, 0.3181, 0.2146



33.2429, 0.3610, 0.2780



12.6327, 0.3138, 0.3060



11.5745, 0.3210, 0.1542



0.6981, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 54.4507, 0.3071, 0.4485 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 54.4507, 0.3071, 0.4485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

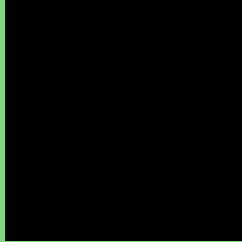
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4507, 0.3071, 0.4485

Background



This preview shows how black text looks on a background with the Yxy color 54.4507, 0.3071, 0.4485.



This preview shows how white text looks on a background with the Yxy color 54.4507, 0.3071, 0.4485.

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

54.4507, 0.3071, 0.4485

Protanopia

53.8376, 0.3830, 0.4151

Deuteranopia

53.9129, 0.3927, 0.3848



Tritanopia

54.1751, 0.2636, 0.3072

Trichromacy



Original Color

54.4507, 0.3071, 0.4485



Protanomaly

53.1990, 0.3526, 0.4275



Deuteranomaly

52.6704, 0.3582, 0.4075



Tritanomaly

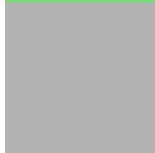
53.8762, 0.2793, 0.3560

Monochromacy



Original Color

54.4507, 0.3071, 0.4485



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

47.8495, 0.3107, 0.3719

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4507, 0.3071, 0.4485 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(130, 214, 130)` looks like.

```
.text, #text, p{  
    color:rgb(130, 214, 130)  
}
```

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(130, 214, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 214, 130) }
```

Border

The CSS property to change the border of an element to Yxy 54.4507, 0.3071, 0.4485 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(130, 214, 130) }
```

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

```
.border{ border-color:rgb(130, 214, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 214, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 214, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 214, 130);  
box-shadow:4px 4px 4px 4px rgb(130, 214,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4507, 0.3071, 0.4485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 214, 130) }
```

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

```
.background{ background-color: rgb(130,  
214, 130) }
```

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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