

Converting Colors

Yxy(54.7432, 0.3085, 0.4187)

Have a look what the booklet for
Yxy(54.7432, 0.3085, 0.4187)
contains.

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Color

Yxy(54.7748, 0.3085, 0.4189)

Conversions

Conversions Part 1

Format	Color
Hex	92D392
RGB	146, 211, 146
RGB Percent	57%, 83%, 57%
CMY	0.4274, 0.1725, 0.4274
CMYK	0.31, 0.00, 0.31, 0.17
HSL	120°, 42%, 70%
HSV	120°, 31%, 83%
XYZ	40.3390, 54.7748, 35.6448
YIQ	184.1550, -17.8750, -33.9950

Conversions

Conversions Part 2

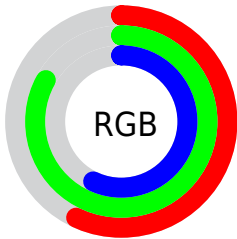
Format	Color
RYB	146, 211, 211
Decimal	9622418
CIELab	78.91, -33.35, 25.80
CIELCh	79, 42.165, 142.274
Yxy	54.7748, 0.3085, 0.4189
Android (android.graphics.Color)	4287812498 (0xFF92D392)
YUV	184.1550, -18.8104, -33.4619
Hunter-Lab	74.0100, -32.2263, 23.2517

Details

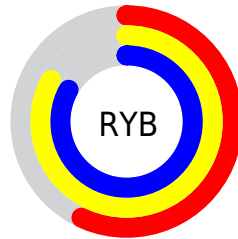
The Yxy color **54.7748, 0.3085, 0.4189** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.1135, 0.3163, 0.2530**, and the grayscale version is **48.1393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2467, 0.3111, 0.3892**, and **26.9303, 0.3055, 0.4455** is the 20% darker color. If you saturate the color by 10%, you get **52.4211, 0.3069, 0.4539**, and if you desaturate by 10%, it is **57.6112, 0.3100, 0.3863**.

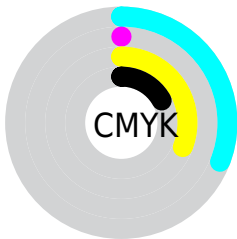
Distribution



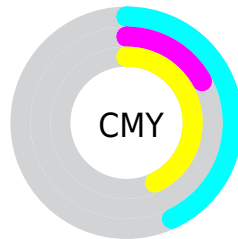
- Red (57%)
- Green (83%)
- Blue (57%)



- Red (57%)
- Yellow (83%)
- Blue (83%)



- Cyan (31%)
- Magenta (0%)
- Yellow (31%)
- Black (17%)



- Cyan (43%)
- Magenta (17%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7748, 0.3085, 0.4189 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 54.7748, 0.3085, 0.4189 by changing the saturation by 10% instead.


 54.7748, 0.3085,
0.4189


 54.7748, 0.3085,
0.4189


405.0577, 0.3118,
0.3729

 39.2214, 0.3073,
0.4306

 97.2109, 0.3100,
0.4020

 26.9320, 0.3055,
0.4458


 124.8625, 0.3105,
0.3957

 17.5222, 0.3027,
0.4661


157.3156, 0.3108,
0.3904

 10.6075, 0.2981,
0.4946

194.9546, 0.3111,
0.3859

 5.8036, 0.2895,
0.5371

238.1639, 0.3113,
0.3820

 2.7260, 0.2762,
0.6162

287.3279, 0.3115,

 0.9904, 0.1109,

0.3786

0.8891

342.8311, 0.3117,
0.3756

0.0000, 0.0000,
0.0000

54.7748, 0.3085,
0.4189

54.7748, 0.3085,
0.4189

52.4211, 0.3069,
0.4539

57.6112, 0.3100,
0.3863

50.5168, 0.3052,
0.4899

60.9476, 0.3114,
0.3569

49.0353, 0.3036,
0.5243

64.8090, 0.3126,
0.3309

47.9444, 0.3021,
0.5547

69.2167, 0.3137,
0.3084

47.2073, 0.3010,
0.5781

74.1908, 0.3146,
0.2890

■ 46.7802, 0.3003,
0.5930

■ 75.0691, 0.3147,
0.2861

■ 46.5891, 0.3000,
0.6000

Harmonies

Analogous

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



54.7748, 0.3629, 0.4302



54.7748, 0.3085, 0.4189



54.7748, 0.2579, 0.3749

Triad

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



54.7748, 0.3085, 0.4189



54.7748, 0.2242, 0.2460



54.7748, 0.4097, 0.3280

Complementary

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



54.7748, 0.3085, 0.4189



39.1135, 0.3163, 0.2530

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.



54.7748, 0.3658, 0.2875



54.7748, 0.3085, 0.4189



54.7748, 0.2579, 0.2419

Square

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



54.7748, 0.3085, 0.4189



54.7748, 0.2124, 0.2717



54.7748, 0.3090, 0.2570



54.7748, 0.4243, 0.3715

Rectangle

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



54.7748, 0.3085, 0.4189



54.7748, 0.2328, 0.3368



54.7748, 0.3090, 0.2570



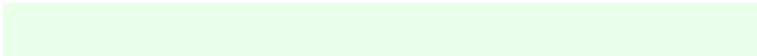
54.7748, 0.3977, 0.3138

Sweetspot

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



54.7771, 0.3085, 0.4189



94.5133, 0.3116, 0.3522



61.9774, 0.3593, 0.4042



20.0535, 0.3114, 0.3562



0.0000, 0.0000, 0.0000



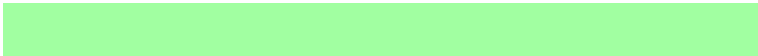
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7771, 0.3085, 0.4189



81.6220, 0.3074, 0.4418



55.8924, 0.2888, 0.3742



13.2063, 0.3116, 0.3530



28.1162, 0.3000, 0.6000



1.5721, 0.3000, 0.6000

Inverse Universe

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



39.1135, 0.3163, 0.2530



53.8469, 0.3170, 0.2372



37.6892, 0.3464, 0.2880



12.0091, 0.3138, 0.3061



11.1955, 0.3209, 0.1541



0.6260, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 54.7748, 0.3085, 0.4189 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 54.7748, 0.3085, 0.4189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

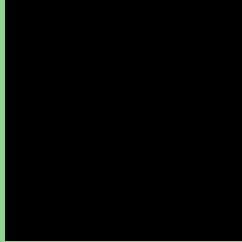
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7748, 0.3085, 0.4189

Background



This preview shows how black text looks on a background with the Yxy color 54.7748, 0.3085, 0.4189.



This preview shows how white text looks on a background with the Yxy color 54.7748, 0.3085, 0.4189.

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

54.7748, 0.3085, 0.4189

Protanopia

54.1493, 0.3691, 0.3956

Deuteranopia

54.2690, 0.3779, 0.3705



Tritanopia

54.6739, 0.2715, 0.3087

Trichromacy



Original Color

54.7748, 0.3085, 0.4189



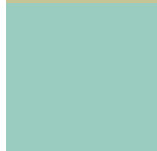
Protanomaly

53.8263, 0.3450, 0.4035



Deuteranomaly

53.6555, 0.3502, 0.3878



Tritanomaly

54.3384, 0.2845, 0.3461

Monochromacy



Original Color

54.7748, 0.3085, 0.4189



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

50.0319, 0.3112, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7748, 0.3085, 0.4189 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, 211, 146)` looks like.

```
.text, #text, p{  
    color:rgb(146, 211, 146)  
}
```

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, 211, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 211, 146) }
```

Border

The CSS property to change the border of an element to Yxy 54.7748, 0.3085, 0.4189 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, 211, 146) }
```

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

```
.border{ border-color:rgb(146, 211, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 211, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 211, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 211, 146);  
box-shadow:4px 4px 4px 4px rgb(146, 211,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7748, 0.3085, 0.4189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 211, 146) }
```

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

```
.background{ background-color: rgb(146,  
211, 146) }
```

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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