

Converting Colors

$Yxy(48.6320, 0.3322, 0.4319)$

Have a look what the booklet for
Yxy(48.6320, 0.3322, 0.4319)
contains.

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Color

Yxy(48.4557, 0.3325, 0.4318)

Conversions

Conversions Part 1

Format	Color
Hex	9CC57C
RGB	156, 197, 124
RGB Percent	61%, 77%, 49%
CMY	0.3883, 0.2274, 0.5138
CMYK	0.21, 0.00, 0.37, 0.23
HSL	94°, 39%, 63%
HSV	94°, 37%, 77%
XYZ	37.3125, 48.4557, 26.4498
YIQ	176.4190, -1.0030, -31.3950

Conversions

Conversions Part 2

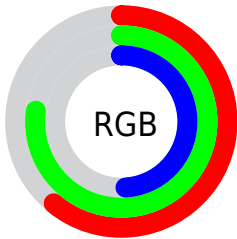
Format	Color
RYB	124, 197, 165
Decimal	10274172
CIELab	75.11, -26.61, 32.30
CIElCh	75, 41.850, 129.490
Yxy	48.4557, 0.3325, 0.4318
Android (android.graphics.Color)	4288464252 (0xFF9CC57C)
YUV	176.4190, -25.8426, -17.9075
Hunter-Lab	69.6101, -26.1381, 26.1987

Details

The Yxy color **48.4557, 0.3325, 0.4318** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.4430, 0.2841, 0.2290**, and the grayscale version is **43.7837, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0550, 0.3304, 0.4125**, and **23.0229, 0.3349, 0.4631** is the 20% darker color. If you saturate the color by 10%, you get **46.9541, 0.3363, 0.4624**, and if you desaturate by 10%, it is **50.1617, 0.3277, 0.4017**.

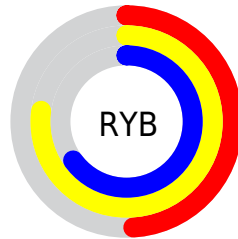
Distribution



Red (61%)

Green (77%)

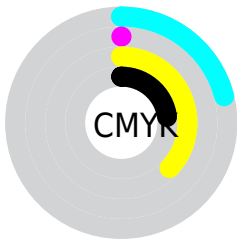
Blue (49%)



Red (49%)

Yellow (77%)

Blue (65%)

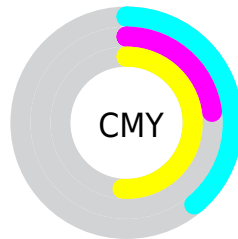


Cyan (21%)

Magenta (0%)

Yellow (37%)

Black (23%)



Cyan (39%)


Magenta (23%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4557, 0.3325, 0.4318 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 48.4557, 0.3325, 0.4318 by changing the saturation by 10% instead.


 48.4557, 0.3325,
0.4318


 48.4557, 0.3325,
0.4318


380.5956, 0.3243,
0.3786


 34.1879, 0.3339,
0.4455


 87.8825, 0.3300,
0.4121

 23.0380, 0.3352,
0.4632


 113.8103, 0.3289,
0.4048

 14.6216, 0.3362,
0.4869


 144.3936, 0.3279,
0.3987

 8.5542, 0.3359,
0.5201

180.0167, 0.3270,
0.3935

 4.4516, 0.3322,
0.5695

221.0641, 0.3262,
0.3890

 1.9292, 0.3286,
0.6714

267.9201, 0.3255,

 0.5659, 0.0000,

0.3851

1.0000

320.9691, 0.3249,
0.3817

■ 0.0000, 0.0000,
0.0000

■ 48.4557, 0.3325,
0.4318

■ 48.4557, 0.3325,
0.4318

■ 46.9541, 0.3363,
0.4624

■ 50.1617, 0.3277,
0.4017

■ 45.6419, 0.3387,
0.4923

■ 52.0737, 0.3224,
0.3731

■ 44.5119, 0.3394,
0.5199


■ 54.2015, 0.3167,
0.3464

■ 43.5536, 0.3381,
0.5436


■ 56.5522, 0.3110,
0.3221

■ 42.7553, 0.3348,
0.5619


■ 59.1325, 0.3055,
0.3002


 42.1020, 0.3298,
0.5744

 61.9490, 0.3001,
0.2805

 41.9309, 0.3283,
0.5775

 64.5560, 0.2995,
0.2694

 66.4821, 0.3076,
0.2709

 68.4159, 0.3154,
0.2722

Harmonies

Analogous

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



48.4557, 0.3856, 0.4278



48.4557, 0.3325, 0.4318



48.4557, 0.2768, 0.3992

Triad

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



48.4557, 0.3325, 0.4318



48.4557, 0.2135, 0.2518



48.4557, 0.3966, 0.3092

Complementary

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



48.4557, 0.3325, 0.4318



26.4430, 0.2841, 0.2290

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.



48.4557, 0.3429, 0.2712



48.4557, 0.3325, 0.4318



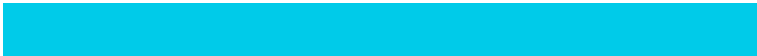
48.4557, 0.2388, 0.2384

Square

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



48.4557, 0.3325, 0.4318



48.4557, 0.2114, 0.2877



48.4557, 0.2846, 0.2460



48.4557, 0.4259, 0.3535

Rectangle

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



48.4557, 0.3325, 0.4318



48.4557, 0.2457, 0.3625



48.4557, 0.2846, 0.2460



48.4557, 0.3805, 0.2955

Sweetspot

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



48.4578, 0.3325, 0.4318



95.4565, 0.3191, 0.3571



39.9301, 0.3822, 0.3819



20.3191, 0.3199, 0.3607



0.0000, 0.0000, 0.0000



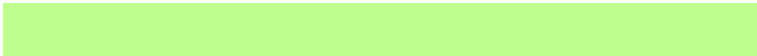
21.4041, 0.3127, 0.3290

Same Dimension

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



48.4578, 0.3325, 0.4318



84.7005, 0.3355, 0.4551



45.7689, 0.3052, 0.4344



12.1115, 0.3181, 0.3524



27.6252, 0.3293, 0.5768



1.3507, 0.3460, 0.5634

Inverse Universe

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



26.4430, 0.2841, 0.2290



39.9015, 0.2764, 0.2071



30.1493, 0.3207, 0.2423



10.5764, 0.3069, 0.3057



4.9099, 0.2157, 0.0962



0.2748, 0.2371, 0.1080

Previews

White Background



This preview shows how the Yxy color 48.4557, 0.3325, 0.4318 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 48.4557, 0.3325, 0.4318 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 48.4557, 0.3325, 0.4318

Background



This preview shows how black text looks on a background with the Yxy color 48.4557, 0.3325, 0.4318.



This preview shows how white text looks on a background with the Yxy color 48.4557, 0.3325, 0.4318.

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

48.4557, 0.3325, 0.4318

Protanopia

48.0304, 0.3810, 0.4106

Deuteranopia

48.2449, 0.3938, 0.3862



Tritanopia

48.1297, 0.2866, 0.3095

Trichromacy



Original Color

48.4557, 0.3325, 0.4318

Protanomaly

48.0900, 0.3625, 0.4185

Deuteranomaly

47.6836, 0.3708, 0.4019

Tritanomaly

48.2101, 0.3036, 0.3520

Monochromacy



Original Color

48.4557, 0.3325, 0.4318

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

45.1503, 0.3212, 0.3663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4557, 0.3325, 0.4318 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(156, 197, 124)` looks like.

```
.text, #text, p{  
    color:rgb(156, 197, 124)  
}
```

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(156, 197, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 197, 124) }
```

Border

The CSS property to change the border of an element to Yxy 48.4557, 0.3325, 0.4318 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(156, 197, 124) }
```

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

```
.border{ border-color:rgb(156, 197, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 197, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 197, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 197, 124);  
box-shadow:4px 4px 4px 4px rgb(156, 197,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4557, 0.3325, 0.4318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 197, 124) }
```

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

```
.background{ background-color: rgb(156,  
197, 124) }
```

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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