

Converting Colors

Yxy(56.8951, 0.3520, 0.4601)

Have a look what the booklet for
Yxy(56.8951, 0.3520, 0.4601)
contains.

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Color

Yxy(57.0753, 0.3517, 0.4610)

Conversions

Conversions Part 1

Format	Color
Hex	ADD46D
RGB	173, 212, 109
RGB Percent	68%, 83%, 43%
CMY	0.3214, 0.1686, 0.5725
CMYK	0.18, 0.00, 0.49, 0.17
HSL	83°, 54%, 63%
HSV	83°, 49%, 83%
XYZ	43.5431, 57.0753, 23.1892
YIQ	188.5970, 9.8190, -40.3010

Conversions

Conversions Part 2

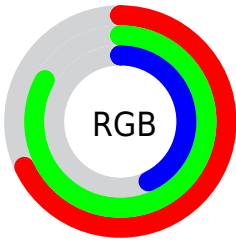
Format	Color
RYB	109, 212, 148
Decimal	11392109
CIELab	80.22, -29.30, 46.46
CIELCh	80, 54.932, 122.239
Yxy	57.0753, 0.3517, 0.4610
Android (android.graphics.Color)	4289582189 (0xFFADD46D)
YUV	188.5970, -39.2413, -13.6786
Hunter-Lab	75.5482, -29.3287, 34.6850

Details

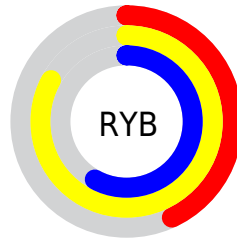
The Yxy color **57.0753, 0.3517, 0.4610** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **21.9832, 0.2537, 0.1887**, and the grayscale version is **50.8755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9873, 0.3501, 0.4247**, and **28.2710, 0.3563, 0.4964** is the 20% darker color. If you saturate the color by 10%, you get **55.7877, 0.3568, 0.4876**, and if you desaturate by 10%, it is **58.5329, 0.3450, 0.4329**.

Distribution



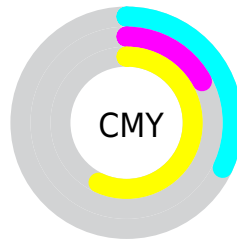
- Red (68%)
- Green (83%)
- Blue (43%)



- Red (43%)
- Yellow (83%)
- Blue (58%)



- Cyan (18%)
- Magenta (0%)
- Yellow (49%)
- Black (17%)





- Cyan (32%)
- Magenta (17%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0753, 0.3517, 0.4610 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 57.0753, 0.3517, 0.4610 by changing the saturation by 10% instead.

 57.0753, 0.3517,
0.4610

 57.0753, 0.3517,
0.4610


413.7314, 0.3358,
0.3950


 41.0657, 0.3543,
0.4770


 100.5751, 0.3469,
0.4373


 28.3704, 0.3569,
0.4969


 128.8340, 0.3448,
0.4283

 18.6051, 0.3588,
0.5225


 161.9448, 0.3429,
0.4207

 11.3853, 0.3588,
0.5557

 200.2920, 0.3412,
0.4141

 6.3266, 0.3570,
0.6053

244.2598, 0.3397,
0.4084

 3.0447, 0.3375,
0.6625

294.2327, 0.3383,

 1.1551, 0.2377,

0.4034

0.7623

350.5951, 0.3370,
0.3990

0.0246, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.0753, 0.3517,
0.4610

57.0753, 0.3517,
0.4610

55.7877, 0.3568,
0.4876

58.5329, 0.3450,
0.4329

54.6536, 0.3598,
0.5114


60.1611, 0.3373,
0.4045


53.6654, 0.3604,
0.5311


61.9700, 0.3288,
0.3767

52.8112, 0.3586,
0.5459


63.9667, 0.3202,
0.3503

 52.0735, 0.3546,
0.5559

 66.1576, 0.3115,
0.3256

 51.9750, 0.3540,
0.5571

 68.5491, 0.3031,
0.3030

 70.9916, 0.2966,
0.2847

 72.3428, 0.3021,
0.2854

 73.7557, 0.3078,
0.2862

Harmonies

Analogous

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



57.0753, 0.4137, 0.4421



57.0753, 0.3517, 0.4610



57.0753, 0.2828, 0.4324

Triad

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



57.0753, 0.3517, 0.4610



57.0753, 0.1897, 0.2416



57.0753, 0.4027, 0.2918

Complementary

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



57.0753, 0.3517, 0.4610



21.9832, 0.2537, 0.1887

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.



57.0753, 0.3314, 0.2500



57.0753, 0.3517, 0.4610



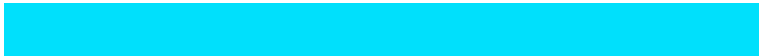
57.0753, 0.2130, 0.2207

Square

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



57.0753, 0.3517, 0.4610



57.0753, 0.1935, 0.2908



57.0753, 0.2621, 0.2247



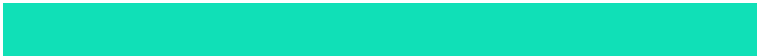
57.0753, 0.4484, 0.3431

Rectangle

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



57.0753, 0.3517, 0.4610



57.0753, 0.2423, 0.3887



57.0753, 0.2621, 0.2247



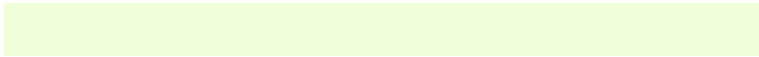
57.0753, 0.3804, 0.2764

Sweetspot

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



57.0778, 0.3517, 0.4610



95.1351, 0.3259, 0.3675



35.8955, 0.4222, 0.3760



20.2280, 0.3277, 0.3732



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.



57.0778, 0.3517, 0.4610



84.7329, 0.3568, 0.4877



52.3809, 0.3142, 0.4780



14.2744, 0.3209, 0.3524



32.1469, 0.3549, 0.5564



1.9857, 0.3660, 0.5476

Inverse Universe

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



21.9832, 0.2537, 0.1887



25.5478, 0.2380, 0.1582



27.7325, 0.3040, 0.2071



12.2353, 0.3040, 0.3053



4.0458, 0.1816, 0.0774



0.2907, 0.2013, 0.0882

Previews

White Background



This preview shows how the Yxy color 57.0753, 0.3517, 0.4610 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 57.0753, 0.3517, 0.4610 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 57.0753, 0.3517, 0.4610

Background



This preview shows how black text looks on a background with the Yxy color 57.0753, 0.3517, 0.4610.



This preview shows how white text looks on a background with the Yxy color 57.0753, 0.3517, 0.4610.

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

57.0753, 0.3517, 0.4610

Protanopia

56.9064, 0.3999, 0.4365

Deuteranopia

56.5102, 0.4181, 0.4080



Tritanopia

56.8312, 0.2918, 0.3097

Trichromacy



Original Color

57.0753, 0.3517, 0.4610

Protanomaly

56.7829, 0.3812, 0.4458

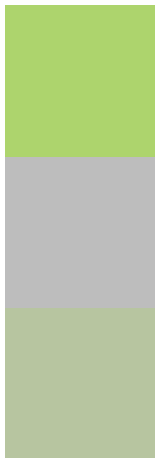
Deuteranomaly

55.8765, 0.3932, 0.4261

Tritanomaly

56.3051, 0.3149, 0.3632

Monochromacy



Original Color

57.0753, 0.3517, 0.4610

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.5378, 0.3289, 0.3770

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0753, 0.3517, 0.4610 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(173, 212, 109)` looks like.

```
.text, #text, p{  
    color:rgb(173, 212, 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(173, 212, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 212, 109) }
```

Border

The CSS property to change the border of an element to Yxy 57.0753, 0.3517, 0.4610 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(173, 212, 109) }
```

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

```
.border{ border-color:rgb(173, 212, 109) }
```

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

Here you see how a box with a 4 pixel rgb(173, 212, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 212, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 212, 109);  
box-shadow:4px 4px 4px 4px rgb(173, 212,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0753, 0.3517, 0.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 212, 109) }
```

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

```
.background{ background-color: rgb(173,  
212, 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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