

Converting Colors

Yxy(57.5656, 0.3525, 0.4403)

Have a look what the booklet for
Yxy(57.5656, 0.3525, 0.4403)
contains.

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Color

Yxy(57.5656, 0.3525, 0.4403)

Conversions

Conversions Part 1

Format	Color
Hex	B7D27A
RGB	183, 210, 122
RGB Percent	72%, 82%, 48%
CMY	0.2824, 0.1764, 0.5216
CMYK	0.13, 0.00, 0.42, 0.18
HSL	78°, 49%, 65%
HSV	78°, 42%, 82%
XYZ	46.0865, 57.5656, 27.0897
YIQ	191.8950, 12.1560, -33.0920

Conversions

Conversions Part 2

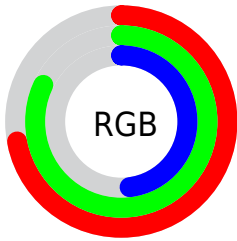
Format	Color
RYB	122, 210, 149
Decimal	12046970
CIELab	80.50, -23.12, 40.58
CIElCh	80, 46.710, 119.674
Yxy	57.5656, 0.3525, 0.4403
Android (android.graphics.Color)	4290237050 (0xFFB7D27A)
YUV	191.8950, -34.4582, -7.8009
Hunter-Lab	75.8720, -24.3508, 31.9412

Details

The Yxy color **57.5656, 0.3525, 0.4403** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **24.9588, 0.2580, 0.2078**, and the grayscale version is **52.8476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1799, 0.3495, 0.4094**, and **28.5647, 0.3604, 0.4698** is the 20% darker color. If you saturate the color by 10%, you get **56.3304, 0.3599, 0.4669**, and if you desaturate by 10%, it is **58.9546, 0.3438, 0.4128**.

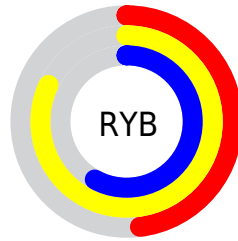
Distribution



Red (72%)

Green (82%)

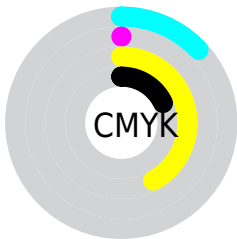
Blue (48%)



Red (48%)

Yellow (82%)

Blue (58%)

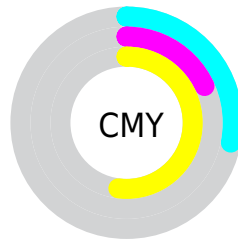


Cyan (13%)

Magenta (0%)

Yellow (42%)

Black (18%)



Cyan (28%)


Magenta (18%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5656, 0.3525, 0.4403 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 57.5656, 0.3525, 0.4403 by changing the saturation by 10% instead.


 57.5656, 0.3525,
0.4403

 57.5656, 0.3525,
0.4403


415.5653, 0.3353,
0.3850


 41.4595, 0.3558,
0.4537


 101.2900, 0.3469,
0.4205

 28.6783, 0.3595,
0.4705


 129.6771, 0.3446,
0.4129

 18.8376, 0.3634,
0.4921


 162.9267, 0.3426,
0.4065

 11.5530, 0.3668,
0.5206

201.4231, 0.3408,
0.4010

 6.4401, 0.3679,
0.5592

245.5508, 0.3392,
0.3962

 3.1145, 0.3710,
0.6290

295.6941, 0.3378,

 1.1918, 0.3118,

0.3920

0.6882

352.2375, 0.3365,
0.3883

0.0550, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.5656, 0.3525,
0.4403

57.5656, 0.3525,
0.4403

56.3304, 0.3599,
0.4669

58.9546, 0.3438,
0.4128

55.2335, 0.3656,
0.4913

60.4968, 0.3343,
0.3853


54.2688, 0.3690,
0.5125


62.2014, 0.3244,
0.3587

53.4264, 0.3699,
0.5292


64.0746, 0.3146,
0.3336


 52.6946, 0.3684,
0.5412


 66.1222, 0.3050,
0.3102

 52.1675, 0.3657,
0.5478

 68.3497, 0.2958,
0.2888

 69.8280, 0.2958,
0.2825

 70.9025, 0.3003,
0.2831

 72.0166, 0.3048,
0.2837

Harmonies

Analogous

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



57.5656, 0.4040, 0.4242



57.5656, 0.3525, 0.4403



57.5656, 0.2931, 0.4187

Triad

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



57.5656, 0.3525, 0.4403



57.5656, 0.2053, 0.2574



57.5656, 0.3845, 0.2939

Complementary

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



57.5656, 0.3525, 0.4403



24.9588, 0.2580, 0.2078

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.



57.5656, 0.3237, 0.2581



57.5656, 0.3525, 0.4403



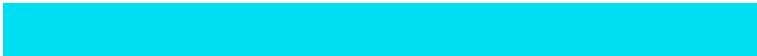
57.5656, 0.2239, 0.2361

Square

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



57.5656, 0.3525, 0.4403



57.5656, 0.2112, 0.3024



57.5656, 0.2653, 0.2373



57.5656, 0.4258, 0.3388

Rectangle

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



57.5656, 0.3525, 0.4403



57.5656, 0.2571, 0.3844



57.5656, 0.2653, 0.2373



57.5656, 0.3653, 0.2806

Sweetspot

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



57.5682, 0.3525, 0.4403



96.1673, 0.3256, 0.3620



36.4108, 0.4056, 0.3625



20.4542, 0.3279, 0.3678



0.0000, 0.0000, 0.0000



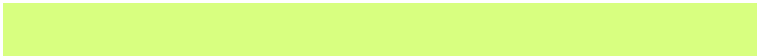
21.4041, 0.3127, 0.3290

Same Dimension

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



57.5682, 0.3525, 0.4403



87.6452, 0.3590, 0.4634



53.0413, 0.3188, 0.4532



13.6080, 0.3219, 0.3523



31.8742, 0.3665, 0.5472



1.8229, 0.3765, 0.5393

Inverse Universe

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



24.9588, 0.2580, 0.2078



30.7030, 0.2436, 0.1800



29.8286, 0.2998, 0.2212



11.5911, 0.3029, 0.3053



3.5591, 0.1716, 0.0719



0.2407, 0.1921, 0.0832

Previews

White Background



This preview shows how the Yxy color 57.5656, 0.3525, 0.4403 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 57.5656, 0.3525, 0.4403 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 57.5656, 0.3525, 0.4403

Background



This preview shows how black text looks on a background with the Yxy color 57.5656, 0.3525, 0.4403.



This preview shows how white text looks on a background with the Yxy color 57.5656, 0.3525, 0.4403.

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

57.5656, 0.3525, 0.4403

Protanopia

57.0603, 0.3895, 0.4225

Deuteranopia

56.8585, 0.4075, 0.3987



Tritanopia

57.3552, 0.2983, 0.3100

Trichromacy



Original Color

57.5656, 0.3525, 0.4403

Protanomaly

57.0229, 0.3757, 0.4297

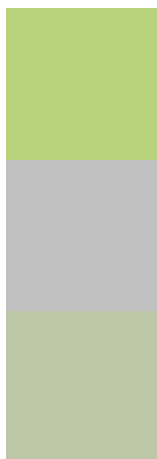
Deuteranomaly

56.4732, 0.3864, 0.4126

Tritanomaly

57.1244, 0.3192, 0.3562

Monochromacy



Original Color

57.5656, 0.3525, 0.4403

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

54.4557, 0.3283, 0.3695

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5656, 0.3525, 0.4403 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(183, 210, 122)` looks like.

```
.text, #text, p{  
    color:rgb(183, 210, 122)  
}
```

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(183, 210, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 210, 122) }
```

Border

The CSS property to change the border of an element to Yxy 57.5656, 0.3525, 0.4403 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(183, 210, 122) }
```

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

```
.border{ border-color:rgb(183, 210, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 210, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 210, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 210, 122);  
box-shadow:4px 4px 4px 4px rgb(183, 210,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5656, 0.3525, 0.4403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 210, 122) }
```

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

```
.background{ background-color: rgb(183,  
210, 122) }
```

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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