

Converting Colors

Yxy(53.5982, 0.3557, 0.4343)

Have a look what the booklet for
Yxy(53.5982, 0.3557, 0.4343)
contains.

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Color

Yxy(53.5422, 0.3557, 0.4348)

Conversions

Conversions Part 1

Format	Color
Hex	B6CA78
RGB	182, 202, 120
RGB Percent	71%, 79%, 47%
CMY	0.2863, 0.2078, 0.5294
CMYK	0.10, 0.00, 0.41, 0.21
HSL	75°, 44%, 63%
HSV	75°, 41%, 79%
XYZ	43.8017, 53.5422, 25.7983
YIQ	186.6720, 14.4020, -29.7420

Conversions

Conversions Part 2

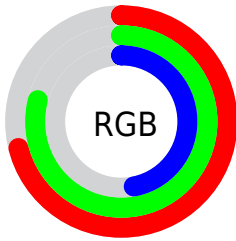
Format	Color
RYB	120, 202, 140
Decimal	11979384
CIELab	78.19, -19.80, 38.65
CIELCh	78, 43.423, 117.130
Yxy	53.5422, 0.3557, 0.4348
Android (android.graphics.Color)	4290169464 (0xFFB6CA78)
YUV	186.6720, -32.8693, -4.0973
Hunter-Lab	73.1725, -21.2004, 30.3170

Details

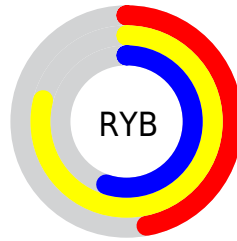
The Yxy color **53.5422, 0.3557, 0.4348** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.2776, 0.2555, 0.2109**, and the grayscale version is **49.6833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8879, 0.3505, 0.4127**, and **26.2112, 0.3641, 0.4633** is the 20% darker color. If you saturate the color by 10%, you get **52.5150, 0.3645, 0.4605**, and if you desaturate by 10%, it is **54.6988, 0.3457, 0.4080**.

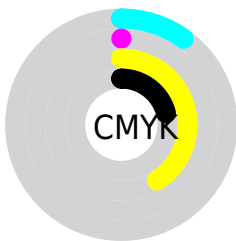
Distribution



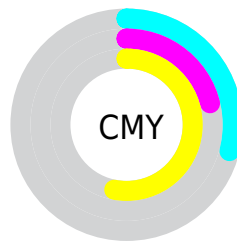
- Red (71%)
- Green (79%)
- Blue (47%)



- Red (47%)
- Yellow (79%)
- Blue (55%)



- Cyan (10%)
- Magenta (0%)
- Yellow (41%)
- Black (21%)





- Cyan (29%)
- Magenta (21%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5422, 0.3557, 0.4348 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 53.5422, 0.3557, 0.4348 by changing the saturation by 10% instead.


 53.5422, 0.3557,
0.4348


 53.5422, 0.3557,
0.4348

400.3619, 0.3364,
0.3818


 38.2358, 0.3596,
0.4477


 95.4017, 0.3493,
0.4157

 26.1657, 0.3641,
0.4641


 122.7236, 0.3467,
0.4085

 16.9477, 0.3691,
0.4852


 154.8195, 0.3445,
0.4023

 10.1972, 0.3740,
0.5133

192.0737, 0.3425,
0.3971

 5.5299, 0.3778,
0.5525

234.8706, 0.3407,
0.3925

 2.5614, 0.3814,
0.6186

283.5947, 0.3391,

 0.9073, 0.2945,

0.3885

0.7055

338.6303, 0.3377,
0.3850

0.0000, 0.0000,
0.0000

53.5422, 0.3557,
0.4348

53.5422, 0.3557,
0.4348

52.5150, 0.3645,
0.4605

54.6988, 0.3457,
0.4080

51.6032, 0.3715,
0.4841

55.9838, 0.3351,
0.3812

50.8017, 0.3764,
0.5045


57.4054, 0.3242,
0.3552

50.1019, 0.3787,
0.5206


58.9689, 0.3133,
0.3304

49.4937, 0.3785,
0.5321


60.6793, 0.3029,
0.3073

 48.9875, 0.3765,
0.5393

 62.5414, 0.2929,
0.2860

 64.1397, 0.2876,
0.2727

 64.9042, 0.2910,
0.2733

 65.6915, 0.2945,
0.2738

Harmonies

Analogous

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



53.5422, 0.4033, 0.4176



53.5422, 0.3557, 0.4348



53.5422, 0.2990, 0.4172

Triad

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



53.5422, 0.3557, 0.4348



53.5422, 0.2094, 0.2636



53.5422, 0.3766, 0.2922

Complementary

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



53.5422, 0.3557, 0.4348



23.2776, 0.2555, 0.2109

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.



53.5422, 0.3183, 0.2587



53.5422, 0.3557, 0.4348



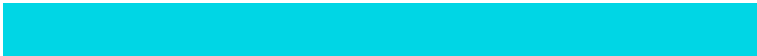
53.5422, 0.2254, 0.2410

Square

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



53.5422, 0.3557, 0.4348



53.5422, 0.2172, 0.3085



53.5422, 0.2634, 0.2403



53.5422, 0.4182, 0.3349

Rectangle

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



53.5422, 0.3557, 0.4348



53.5422, 0.2639, 0.3863



53.5422, 0.2634, 0.2403



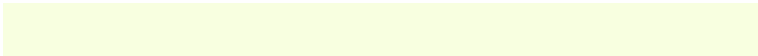
53.5422, 0.3580, 0.2797

Sweetspot

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



53.5446, 0.3557, 0.4348



96.7946, 0.3259, 0.3592



32.4205, 0.4044, 0.3543



20.6480, 0.3273, 0.3626



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.



53.5446, 0.3557, 0.4348



89.0613, 0.3637, 0.4582



49.3400, 0.3229, 0.4469



12.9535, 0.3229, 0.3522



31.5641, 0.3771, 0.5388



1.6622, 0.3857, 0.5319

Inverse Universe

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



23.2776, 0.2555, 0.2109



30.7283, 0.2394, 0.1810



27.4204, 0.2948, 0.2231



10.9740, 0.3020, 0.3053



3.2042, 0.1645, 0.0680



0.2018, 0.1852, 0.0794

Previews

White Background



This preview shows how the Yxy color 53.5422, 0.3557, 0.4348 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 53.5422, 0.3557, 0.4348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

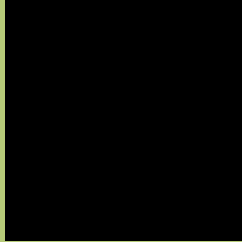
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5422, 0.3557, 0.4348

Background



This preview shows how black text looks on a background with the Yxy color 53.5422, 0.3557, 0.4348.



This preview shows how white text looks on a background with the Yxy color 53.5422, 0.3557, 0.4348.

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

53.5422, 0.3557, 0.4348

Protanopia

53.2732, 0.3871, 0.4197

Deuteranopia

53.4768, 0.4056, 0.3974



Tritanopia

53.5417, 0.3025, 0.3108

Trichromacy



Original Color

53.5422, 0.3557, 0.4348

Protanomaly

53.0672, 0.3752, 0.4252

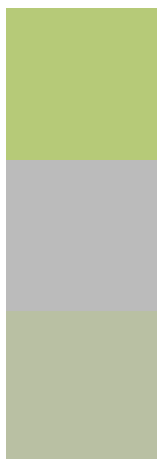
Deuteranomaly

52.9878, 0.3863, 0.4099

Tritanomaly

53.3938, 0.3227, 0.3556

Monochromacy



Original Color

53.5422, 0.3557, 0.4348

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.6579, 0.3291, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5422, 0.3557, 0.4348 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(182, 202, 120)` looks like.

```
.text, #text, p{  
    color:rgb(182, 202, 120)  
}
```

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(182, 202, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 202, 120) }
```

Border

The CSS property to change the border of an element to Yxy 53.5422, 0.3557, 0.4348 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(182, 202, 120) }
```

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

```
.border{ border-color:rgb(182, 202, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 202, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 202, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 202, 120);  
box-shadow:4px 4px 4px 4px rgb(182, 202,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5422, 0.3557, 0.4348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 202, 120) }
```

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

```
.background{ background-color: rgb(182,  
202, 120) }
```

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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