

Converting Colors

Yxy(50.6862, 0.3555, 0.4254)

Have a look what the booklet for
Yxy(50.6862, 0.3555, 0.4254)
contains.

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Color

Yxy(50.7088, 0.3556, 0.4262)

Conversions

Conversions Part 1

Format	Color
Hex	B5C47A
RGB	181, 196, 122
RGB Percent	71%, 77%, 48%
CMY	0.2902, 0.2314, 0.5217
CMYK	0.08, 0.00, 0.38, 0.23
HSL	72°, 39%, 62%
HSV	72°, 38%, 77%
XYZ	42.3089, 50.7088, 25.9612
YIQ	183.0790, 14.8140, -26.1940

Conversions

Conversions Part 2

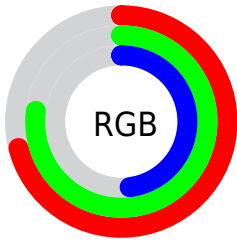
Format	Color
RYB	122, 196, 137
Decimal	11912314
CIELab	76.50, -16.95, 35.47
CIELCh	77, 39.310, 115.539
Yxy	50.7088, 0.3556, 0.4262
Android (android.graphics.Color)	4290102394 (0xFFB5C47A)
YUV	183.0790, -30.1119, -1.8233
Hunter-Lab	71.2101, -18.5634, 28.2316

Details

The Yxy color **50.7088, 0.3556, 0.4262** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **23.2144, 0.2576, 0.2196**, and the grayscale version is **47.5623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5228, 0.3492, 0.4090**, and **24.3259, 0.3648, 0.4529** is the 20% darker color. If you saturate the color by 10%, you get **49.8001, 0.3655, 0.4517**, and if you desaturate by 10%, it is **51.7337, 0.3447, 0.3998**.

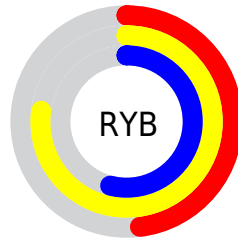
Distribution



Red (71%)

Green (77%)

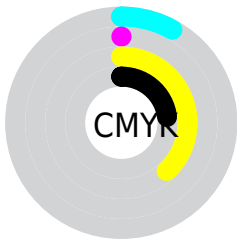
Blue (48%)



Red (48%)

Yellow (77%)

Blue (54%)

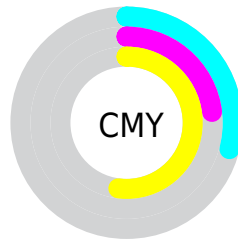


Cyan (8%)

Magenta (0%)

Yellow (38%)

Black (23%)



Cyan (29%)


Magenta (23%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7088, 0.3556, 0.4262 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 50.7088, 0.3556, 0.4262 by changing the saturation by 10% instead.

 50.7088, 0.3556,
0.4262


 50.7088, 0.3556,
0.4262


389.4313, 0.3359,
0.3772

 35.9769, 0.3598,
0.4383

 91.2242, 0.3489,
0.4084

 24.4164, 0.3648,
0.4537


 117.7765, 0.3463,
0.4018

 15.6428, 0.3705,
0.4737


 149.0377, 0.3439,
0.3961

 9.2717, 0.3767,
0.5006

185.3922, 0.3419,
0.3912

 4.9188, 0.3828,
0.5389

227.2244, 0.3401,
0.3870

 2.1997, 0.3923,
0.6077

274.9188, 0.3385,

 0.7198, 0.2731,

0.3833

0.7269

328.8596, 0.3371,
0.3801

0.0000, 0.0000,
0.0000

50.7088, 0.3556,
0.4262

50.7088, 0.3556,
0.4262

49.8001, 0.3655,
0.4517

51.7337, 0.3447,
0.3998

48.9948, 0.3738,
0.4752

52.8735, 0.3332,
0.3735

48.2884, 0.3801,
0.4957


54.1357, 0.3216,
0.3480


47.6734, 0.3839,
0.5123


55.5250, 0.3102,
0.3237

47.1409, 0.3852,
0.5243


57.0460, 0.2993,
0.3011


 46.6782, 0.3841,
0.5320

 58.7030, 0.2890,
0.2802

 46.5797, 0.3838,
0.5335

 60.2281, 0.2819,
0.2652

 60.8138, 0.2847,
0.2657

 61.4140, 0.2875,
0.2662

Harmonies

Analogous

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



50.7088, 0.3986, 0.4099



50.7088, 0.3556, 0.4262



50.7088, 0.3032, 0.4114

Triad

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



50.7088, 0.3556, 0.4262



50.7088, 0.2164, 0.2705



50.7088, 0.3691, 0.2931

Complementary

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



50.7088, 0.3556, 0.4262



23.2144, 0.2576, 0.2196

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.



50.7088, 0.3152, 0.2623



50.7088, 0.3556, 0.4262



50.7088, 0.2303, 0.2479

Square

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



50.7088, 0.3556, 0.4262



50.7088, 0.2251, 0.3132



50.7088, 0.2649, 0.2460



50.7088, 0.4085, 0.3328

Rectangle

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



50.7088, 0.3556, 0.4262



50.7088, 0.2702, 0.3841



50.7088, 0.2649, 0.2460



50.7088, 0.3518, 0.2815

Sweetspot

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



50.7111, 0.3556, 0.4262



97.2615, 0.3255, 0.3565



30.9698, 0.3968, 0.3492



20.7500, 0.3271, 0.3601



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.



50.7111, 0.3556, 0.4262



90.5357, 0.3636, 0.4465



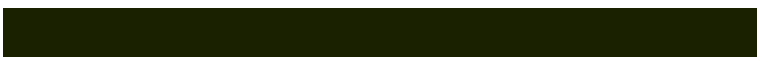
46.8321, 0.3244, 0.4368



11.6520, 0.3234, 0.3520



29.9651, 0.3843, 0.5331



1.3214, 0.3926, 0.5265

Inverse Universe

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



23.2144, 0.2576, 0.2196



33.8882, 0.2432, 0.1931



26.8737, 0.2939, 0.2301



9.8441, 0.3014, 0.3054



2.8767, 0.1608, 0.0659



0.1540, 0.1826, 0.0780

Previews

White Background



This preview shows how the Yxy color 50.7088, 0.3556, 0.4262 looks on a white background.

Color Contrast Check

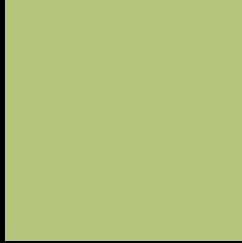
Large Text (above 18pt) WCAG AA × Fail

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 50.7088, 0.3556, 0.4262 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 50.7088, 0.3556, 0.4262

Background



This preview shows how black text looks on a background with the Yxy color 50.7088, 0.3556, 0.4262.



This preview shows how white text looks on a background with the Yxy color 50.7088, 0.3556, 0.4262.

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

50.7088, 0.3556, 0.4262

Protanopia

50.2775, 0.3827, 0.4139

Deuteranopia

50.2919, 0.4012, 0.3927



Tritanopia

50.4112, 0.3054, 0.3105

Trichromacy



Original Color

50.7088, 0.3556, 0.4262

Protanomaly

50.3534, 0.3724, 0.4187

Deuteranomaly

50.2747, 0.3843, 0.4044

Tritanomaly

50.3703, 0.3241, 0.3522

Monochromacy



Original Color

50.7088, 0.3556, 0.4262

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.4847, 0.3287, 0.3646

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7088, 0.3556, 0.4262 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(181, 196, 122)` looks like.

```
.text, #text, p{  
  color:rgb(181, 196, 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(181, 196, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 196, 122) }
```

Border

The CSS property to change the border of an element to Yxy 50.7088, 0.3556, 0.4262 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(181, 196, 122) }
```

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

```
.border{ border-color:rgb(181, 196, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 196, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 196, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 196, 122);  
box-shadow:4px 4px 4px 4px rgb(181, 196,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7088, 0.3556, 0.4262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 196, 122) }
```

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

```
.background{ background-color: rgb(181,  
196, 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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