

Converting Colors

$Yxy(55.2971, 0.3611, 0.4365)$

Have a look what the booklet for
Yxy(55.2971, 0.3611, 0.4365)
contains.

Yxy(55.2090, 0.3608, 0.4362)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.2090, 0.3608, 0.4362)

Conversions

Conversions Part 1

Format	Color
Hex	BCCC77
RGB	188, 204, 119
RGB Percent	74%, 80%, 47%
CMY	0.2626, 0.2000, 0.5334
CMYK	0.08, 0.00, 0.42, 0.20
HSL	71°, 45%, 63%
HSV	71°, 42%, 80%
XYZ	45.6658, 55.2090, 25.6933
YIQ	189.5260, 17.7490, -29.8270

Conversions

Conversions Part 2

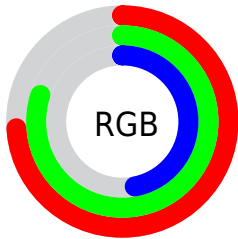
Format	Color
RYB	119, 204, 135
Decimal	12373111
CIELab	79.16, -18.57, 40.48
CIELCh	79, 44.537, 114.641
Yxy	55.2090, 0.3608, 0.4362
Android (android.graphics.Color)	4290563191 (0xFFBCCC77)
YUV	189.5260, -34.7693, -1.3383
Hunter-Lab	74.3028, -20.3254, 31.5099

Details

The Yxy color **55.2090, 0.3608, 0.4362** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.6931, 0.2493, 0.2059**, and the grayscale version is **51.4041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9110, 0.3552, 0.4125**, and **27.2166, 0.3701, 0.4659** is the 20% darker color. If you saturate the color by 10%, you get **54.2926, 0.3704, 0.4609**, and if you desaturate by 10%, it is **56.2484, 0.3499, 0.4102**.

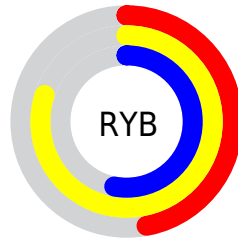
Distribution



Red (74%)

Green (80%)

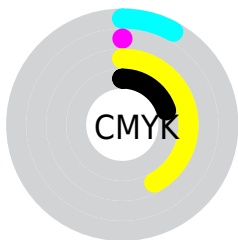
Blue (47%)



Red (47%)

Yellow (80%)

Blue (53%)

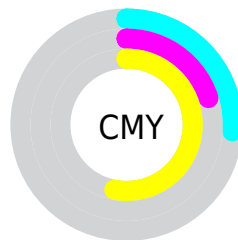


Cyan (8%)

Magenta (0%)

Yellow (42%)

Black (20%)



Cyan (26%)


Magenta (20%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2090, 0.3608, 0.4362 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 55.2090, 0.3608, 0.4362 by changing the saturation by 10% instead.

 55.2090, 0.3608,
0.4362


 55.2090, 0.3608,
0.4362

406.7037, 0.3393,
0.3831


 39.5691, 0.3652,
0.4490


 97.8471, 0.3536,
0.4172

 27.2027, 0.3703,
0.4651


 125.6141, 0.3508,
0.4099

 17.7255, 0.3760,
0.4856


 158.1922, 0.3482,
0.4038

 10.7531, 0.3817,
0.5126

195.9658, 0.3460,
0.3985

 5.9011, 0.3867,
0.5496

239.3194, 0.3440,
0.3938

 2.7850, 0.3911,
0.6089

288.6373, 0.3423,

 1.0206, 0.3335,

0.3898

0.6665

344.3040, 0.3407,
0.3862

0.0000, 0.0000,
0.0000

55.2090, 0.3608,
0.4362

55.2090, 0.3608,
0.4362

54.2926, 0.3704,
0.4609

56.2484, 0.3499,
0.4102

53.4850, 0.3783,
0.4830

57.4098, 0.3383,
0.3838

52.7809, 0.3838,
0.5018


58.7013, 0.3264,
0.3579

52.1716, 0.3869,
0.5162


60.1285, 0.3147,
0.3330


51.6464, 0.3874,
0.5261


61.6963, 0.3033,
0.3097

 51.2580, 0.3863,
0.5315

 63.4097, 0.2925,
0.2880

 64.8293, 0.2865,
0.2747

 65.4156, 0.2892,
0.2751

 66.0156, 0.2918,
0.2755

Harmonies

Analogous

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



55.2090, 0.4077, 0.4162



55.2090, 0.3608, 0.4362



55.2090, 0.3034, 0.4216

Triad

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



55.2090, 0.3608, 0.4362



55.2090, 0.2077, 0.2655



55.2090, 0.3730, 0.2884

Complementary

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



55.2090, 0.3608, 0.4362



22.6931, 0.2493, 0.2059

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.



55.2090, 0.3133, 0.2556



55.2090, 0.3608, 0.4362



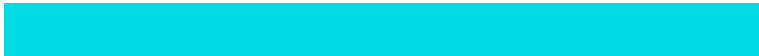
55.2090, 0.2219, 0.2408

Square

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



55.2090, 0.3608, 0.4362



55.2090, 0.2176, 0.3127



55.2090, 0.2587, 0.2384



55.2090, 0.4174, 0.3311

Rectangle

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



55.2090, 0.3608, 0.4362



55.2090, 0.2672, 0.3918



55.2090, 0.2587, 0.2384



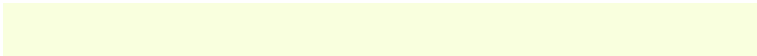
55.2090, 0.3537, 0.2761

Sweetspot

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



55.2115, 0.3608, 0.4362



96.8841, 0.3282, 0.3617



31.3743, 0.4103, 0.3495



20.6323, 0.3309, 0.3674



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.



55.2115, 0.3608, 0.4362



90.0633, 0.3695, 0.4584



50.6180, 0.3263, 0.4493



12.9861, 0.3237, 0.3521



32.3011, 0.3868, 0.5311



1.6946, 0.3935, 0.5258

Inverse Universe

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



22.6931, 0.2493, 0.2059



29.1503, 0.2324, 0.1757



26.9028, 0.2898, 0.2188



10.9437, 0.3011, 0.3052



3.0373, 0.1594, 0.0652



0.1879, 0.1776, 0.0752

Previews

White Background



This preview shows how the Yxy color 55.2090, 0.3608, 0.4362 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 55.2090, 0.3608, 0.4362 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 55.2090, 0.3608, 0.4362

Background



This preview shows how black text looks on a background with the Yxy color 55.2090, 0.3608, 0.4362.



This preview shows how white text looks on a background with the Yxy color 55.2090, 0.3608, 0.4362.

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

55.2090, 0.3608, 0.4362

Protanopia

55.0370, 0.3890, 0.4229

Deuteranopia

54.8036, 0.4080, 0.3997



Tritanopia

54.8855, 0.3057, 0.3099

Trichromacy



Original Color

55.2090, 0.3608, 0.4362

Protanomaly

55.1103, 0.3789, 0.4278

Deuteranomaly

54.6051, 0.3906, 0.4117

Tritanomaly

54.6692, 0.3268, 0.3551

Monochromacy



Original Color

55.2090, 0.3608, 0.4362

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.5294, 0.3312, 0.3686

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2090, 0.3608, 0.4362 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(188, 204, 119)` looks like.

```
.text, #text, p{  
    color:rgb(188, 204, 119)  
}
```

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(188, 204, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 204, 119) }
```

Border

The CSS property to change the border of an element to Yxy 55.2090, 0.3608, 0.4362 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(188, 204, 119) }
```

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

```
.border{ border-color:rgb(188, 204, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 204, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 204, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 204, 119);  
box-shadow:4px 4px 4px 4px rgb(188, 204,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2090, 0.3608, 0.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 204, 119) }
```

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

```
.background{ background-color: rgb(188,  
204, 119) }
```

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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