

Converting Colors

Yxy(55.6911, 0.3392, 0.3757)

Have a look what the booklet for
Yxy(55.6911, 0.3392, 0.3757)
contains.

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Color

Yxy(55.9230, 0.3394, 0.3761)

Conversions

Conversions Part 1

Format	Color
Hex	C6C8A2
RGB	198, 200, 162
RGB Percent	78%, 78%, 64%
CMY	0.2235, 0.2157, 0.3648
CMYK	0.01, 0.00, 0.19, 0.22
HSL	63°, 26%, 71%
HSV	63°, 19%, 78%
XYZ	50.4660, 55.9230, 42.3028
YIQ	195.0700, 11.0060, -12.2420

Conversions

Conversions Part 2

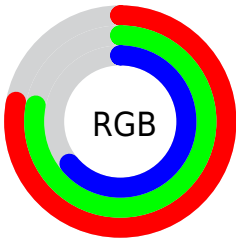
Format	Color
RYB	162, 200, 164
Decimal	13027490
CIELab	79.57, -7.06, 18.84
CIELCh	80, 20.119, 110.550
Yxy	55.9230, 0.3394, 0.3761
Android (android.graphics.Color)	4291217570 (0xFFC6C8A2)
YUV	195.0700, -16.3035, 2.5696
Hunter-Lab	74.7817, -10.4082, 18.8078

Details

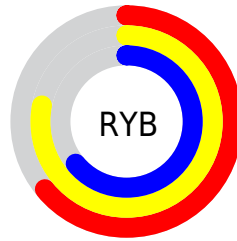
The Yxy color **55.9230, 0.3394, 0.3761** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.8887, 0.2832, 0.2777**, and the grayscale version is **54.7128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **27.6128, 0.3464, 0.3890** is the 20% darker color. If you saturate the color by 10%, you get **55.1287, 0.3535, 0.4014**, and if you desaturate by 10%, it is **56.8363, 0.3252, 0.3510**.

Distribution



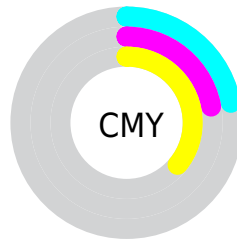
- Red (78%)
- Green (78%)
- Blue (64%)



- Red (64%)
- Yellow (78%)
- Blue (64%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)





- Cyan (22%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9230, 0.3394, 0.3761 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 55.9230, 0.3394, 0.3761 by changing the saturation by 10% instead.


 55.9230, 0.3394,
0.3761

 55.9230, 0.3394,
0.3761


409.4013, 0.3267,
0.3530

 40.1412, 0.3424,
0.3817

 98.8920, 0.3349,
0.3678

 27.6486, 0.3461,
0.3889


 126.8480, 0.3332,
0.3646

 18.0610, 0.3508,
0.3982


159.6308, 0.3317,
0.3620

 10.9938, 0.3570,
0.4109


197.6248, 0.3304,
0.3597

 6.0626, 0.3655,
0.4292

241.2145, 0.3293,
0.3577

 2.8832, 0.3772,
0.4572

290.7842, 0.3283,

 1.0711, 0.4380,

0.3559

0.5620

346.7183, 0.3275,
0.3544

0.0000, 0.0000,
0.0000

55.9230, 0.3394,
0.3761

55.9230, 0.3394,
0.3761

55.1287, 0.3535,
0.4014

56.8363, 0.3252,
0.3510

54.4407, 0.3671,
0.4260

57.8663, 0.3114,
0.3267

53.8557, 0.3796,
0.4490

59.0200, 0.2982,
0.3036

53.3673, 0.3904,
0.4694

60.3019, 0.2857,
0.2821

52.9686, 0.3991,
0.4863

61.2589, 0.2784,
0.2690

■ 52.6517, 0.4052,
0.4991

■ 61.4061, 0.2791,
0.2691

■ 52.4071, 0.4088,
0.5075

■ 61.5543, 0.2798,
0.2692

■ 52.2191, 0.4101,
0.5121

■ 61.7034, 0.2805,
0.2693

■ 52.2016, 0.4102,
0.5125

■ 61.8535, 0.2812,
0.2695

Harmonies

Analogous

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



55.9230, 0.3586, 0.3684



55.9230, 0.3394, 0.3761



55.9230, 0.3135, 0.3702

Triad

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



55.9230, 0.3394, 0.3761



55.9230, 0.2627, 0.3038



55.9230, 0.3368, 0.3077

Complementary

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



55.9230, 0.3394, 0.3761



37.8887, 0.2832, 0.2777

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.



55.9230, 0.3101, 0.2920



55.9230, 0.3394, 0.3761



55.9230, 0.2682, 0.2891

Square

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



55.9230, 0.3394, 0.3761



55.9230, 0.2698, 0.3267



55.9230, 0.2852, 0.2852



55.9230, 0.3573, 0.3288

Rectangle

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



55.9230, 0.3394, 0.3761



55.9230, 0.2961, 0.3589



55.9230, 0.2852, 0.2852



55.9230, 0.3282, 0.3017

Sweetspot

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



55.9255, 0.3394, 0.3761



98.9024, 0.3211, 0.3437



41.3929, 0.3492, 0.3316



21.1446, 0.3220, 0.3454



0.0000, 0.0000, 0.0000



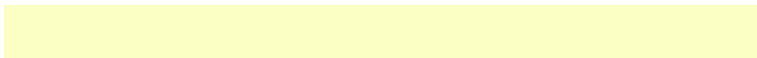
21.4041, 0.3127, 0.3290

Same Dimension

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



55.9255, 0.3394, 0.3761



96.2060, 0.3455, 0.3870



53.5110, 0.3238, 0.3785



12.3878, 0.3257, 0.3519



33.2033, 0.4103, 0.5124



1.5810, 0.4123, 0.5108

Inverse Universe

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



37.8887, 0.2832, 0.2777



59.0560, 0.2755, 0.2644



40.0545, 0.2996, 0.2801



10.3134, 0.2991, 0.3052



2.7064, 0.1519, 0.0610



0.1376, 0.1584, 0.0646

Previews

White Background



This preview shows how the Yxy color 55.9230, 0.3394, 0.3761 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 55.9230, 0.3394, 0.3761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

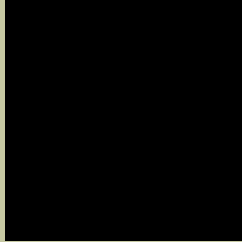
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

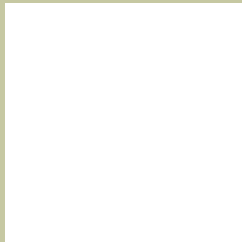
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9230, 0.3394, 0.3761

Background



This preview shows how black text looks on a background with the Yxy color 55.9230, 0.3394, 0.3761.



This preview shows how white text looks on a background with the Yxy color 55.9230, 0.3394, 0.3761.

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

55.9230, 0.3394, 0.3761

Protanopia

56.0259, 0.3509, 0.3737

Deuteranopia

55.5695, 0.3663, 0.3578



Tritanopia

56.0244, 0.3096, 0.3114

Trichromacy



Original Color

55.9230, 0.3394, 0.3761

Protanomaly

55.9405, 0.3464, 0.3741

Deuteranomaly

55.5360, 0.3564, 0.3646

Tritanomaly

55.8422, 0.3205, 0.3338

Monochromacy



Original Color

55.9230, 0.3394, 0.3761

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.0872, 0.3223, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9230, 0.3394, 0.3761 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(198, 200, 162)` looks like.

```
.text, #text, p{  
    color:rgb(198, 200, 162)  
}
```

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(198, 200, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 200, 162) }
```

Border

The CSS property to change the border of an element to Yxy 55.9230, 0.3394, 0.3761 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(198, 200, 162) }
```

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

```
.border{ border-color:rgb(198, 200, 162) }
```

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

Here you see how a box with a 4 pixel rgb(198, 200, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 200, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 200, 162);  
box-shadow:4px 4px 4px 4px rgb(198, 200,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9230, 0.3394, 0.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 200, 162) }
```

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

```
.background{ background-color: rgb(198,  
200, 162) }
```

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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