

Converting Colors

$Yxy(55.1912, 0.3379, 0.3752)$

Have a look what the booklet for
Yxy(55.1912, 0.3379, 0.3752)
contains.

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Color

Yxy(55.1912, 0.3379, 0.3752)

Conversions

Conversions Part 1

Format	Color
Hex	C4C7A2
RGB	196, 199, 162
RGB Percent	77%, 78%, 64%
CMY	0.2314, 0.2196, 0.3648
CMYK	0.02, 0.00, 0.19, 0.22
HSL	65°, 25%, 71%
HSV	65°, 19%, 78%
XYZ	49.7044, 55.1912, 42.2024
YIQ	193.8850, 10.0890, -12.1430

Conversions

Conversions Part 2

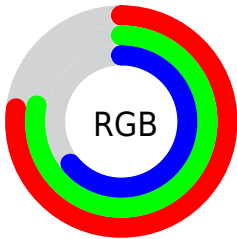
Format	Color
RYB	162, 199, 165
Decimal	12896162
CIELab	79.15, -7.30, 18.23
CIELCh	79, 19.641, 111.833
Yxy	55.1912, 0.3379, 0.3752
Android (android.graphics.Color)	4291086242 (0xFFC4C7A2)
YUV	193.8850, -15.7193, 1.8549
Hunter-Lab	74.2908, -10.5830, 18.3226

Details

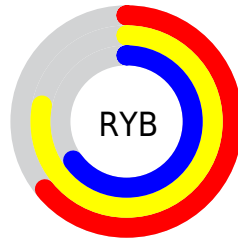
The Yxy color **55.1912, 0.3379, 0.3752** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.9550, 0.2848, 0.2790**, and the grayscale version is **53.9661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4124, 0.3338, 0.3662**, and **27.1274, 0.3445, 0.3879** is the 20% darker color. If you saturate the color by 10%, you get **54.3240, 0.3515, 0.4007**, and if you desaturate by 10%, it is **56.1776, 0.3242, 0.3500**.

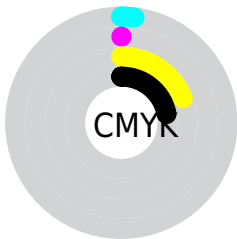
Distribution



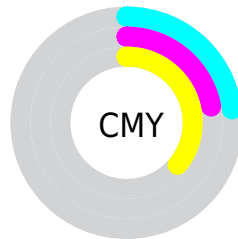
- Red (77%)
- Green (78%)
- Blue (64%)



- Red (64%)
- Yellow (78%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)




- Cyan (23%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1912, 0.3379, 0.3752 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 55.1912, 0.3379, 0.3752 by changing the saturation by 10% instead.


 55.1912, 0.3379,
0.3752


 55.1912, 0.3379,
0.3752


406.6363, 0.3259,
0.3524

 39.5548, 0.3407,
0.3808


 97.8210, 0.3337,
0.3670

 27.1916, 0.3442,
0.3878


 125.5833, 0.3320,
0.3639

 17.7172, 0.3487,
0.3971


158.1563, 0.3306,
0.3613

 10.7471, 0.3547,
0.4098

195.9244, 0.3294,
0.3590

 5.8971, 0.3627,
0.4280

239.2721, 0.3284,
0.3571

 2.7826, 0.3739,
0.4563

288.5837, 0.3274,

 1.0193, 0.4349,

0.3553

0.5651

344.2436, 0.3266,
0.3538

0.0000, 0.0000,
0.0000

55.1912, 0.3379,
0.3752

55.1912, 0.3379,
0.3752

54.3240, 0.3515,
0.4007

56.1776, 0.3242,
0.3500

53.5635, 0.3646,
0.4257

57.2809, 0.3109,
0.3257

52.9064, 0.3766,
0.4492

58.5081, 0.2981,
0.3027

52.3465, 0.3869,
0.4703

59.8636, 0.2861,
0.2814

51.8769, 0.3952,
0.4880

60.9271, 0.2789,
0.2680

■ 51.4899, 0.4009,
0.5016

■ 61.1586, 0.2800,
0.2682

■ 51.1761, 0.4041,
0.5107

■ 61.3924, 0.2811,
0.2684

■ 50.9209, 0.4049,
0.5160

■ 61.6287, 0.2822,
0.2685

■ 50.8871, 0.4050,
0.5166

■ 61.8674, 0.2834,
0.2687

Harmonies

Analogous

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



55.1912, 0.3572, 0.3682



55.1912, 0.3379, 0.3752



55.1912, 0.3124, 0.3688

Triad

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



55.1912, 0.3379, 0.3752



55.1912, 0.2636, 0.3035



55.1912, 0.3373, 0.3089

Complementary

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



55.1912, 0.3379, 0.3752



37.9550, 0.2848, 0.2790

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.



55.1912, 0.3113, 0.2932



55.1912, 0.3379, 0.3752



55.1912, 0.2695, 0.2895

Square

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



55.1912, 0.3379, 0.3752



55.1912, 0.2701, 0.3257



55.1912, 0.2867, 0.2861



55.1912, 0.3571, 0.3297

Rectangle

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



55.1912, 0.3379, 0.3752



55.1912, 0.2954, 0.3574



55.1912, 0.2867, 0.2861



55.1912, 0.3290, 0.3029

Sweetspot

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



55.1936, 0.3379, 0.3752



98.8169, 0.3208, 0.3438



41.4611, 0.3481, 0.3323



21.1243, 0.3217, 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.



55.1936, 0.3379, 0.3752



96.0389, 0.3430, 0.3847



52.9280, 0.3231, 0.3774



12.3712, 0.3253, 0.3519



32.7353, 0.4052, 0.5165



1.5634, 0.4083, 0.5140

Inverse Universe

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



37.9550, 0.2848, 0.2790



60.7861, 0.2785, 0.2678



40.0180, 0.3004, 0.2813



10.3282, 0.2995, 0.3052



2.7398, 0.1530, 0.0616



0.1444, 0.1630, 0.0672

Previews

White Background



This preview shows how the Yxy color 55.1912, 0.3379, 0.3752 looks on a white background.

Color Contrast Check

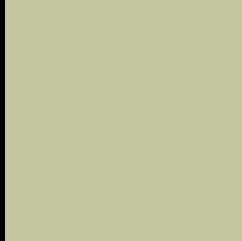
Large Text (above 18pt) WCAG AA × Fail

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 55.1912, 0.3379, 0.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

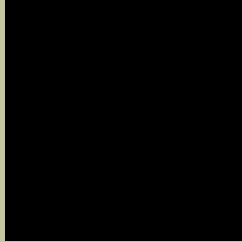
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

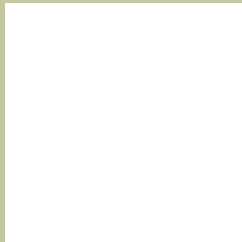
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1912, 0.3379, 0.3752

Background



This preview shows how black text looks on a background with the Yxy color 55.1912, 0.3379, 0.3752.



This preview shows how white text looks on a background with the Yxy color 55.1912, 0.3379, 0.3752.

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

55.1912, 0.3379, 0.3752

Protanopia

54.8337, 0.3497, 0.3716

Deuteranopia

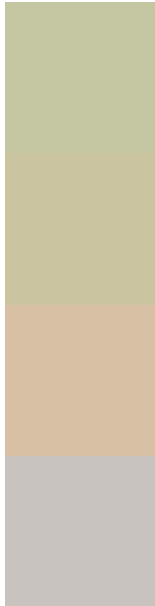
54.8155, 0.3649, 0.3568



Tritanopia

55.2506, 0.3088, 0.3112

Trichromacy



Original Color

55.1912, 0.3379, 0.3752

Protanomaly

54.7496, 0.3452, 0.3720

Deuteranomaly

54.7907, 0.3550, 0.3636

Tritanomaly

55.0712, 0.3197, 0.3339

Monochromacy



Original Color

55.1912, 0.3379, 0.3752

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.4594, 0.3224, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1912, 0.3379, 0.3752 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(196, 199, 162)` looks like.

```
.text, #text, p{  
    color:rgb(196, 199, 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(196, 199, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 199, 162) }
```

Border

The CSS property to change the border of an element to Yxy 55.1912, 0.3379, 0.3752 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(196, 199, 162) }
```

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

```
.border{ border-color:rgb(196, 199, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 199, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 199, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 199, 162);  
box-shadow:4px 4px 4px 4px rgb(196, 199,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1912, 0.3379, 0.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 199, 162) }
```

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

```
.background{ background-color: rgb(196,  
199, 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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