

Converting Colors

$Yxy(55.5455, 0.3540, 0.4022)$

Have a look what the booklet for
Yxy(55.5455, 0.3540, 0.4022)
contains.

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Color

Yxy(55.7320, 0.3541, 0.4022)

Conversions

Conversions Part 1

Format	Color
Hex	C6C98E
RGB	198, 201, 142
RGB Percent	78%, 79%, 56%
CMY	0.2234, 0.2118, 0.4431
CMYK	0.01, 0.00, 0.29, 0.21
HSL	63°, 35%, 67%
HSV	63°, 29%, 79%
XYZ	49.0669, 55.7320, 33.7690
YIQ	193.3770, 17.1510, -18.9850

Conversions

Conversions Part 2

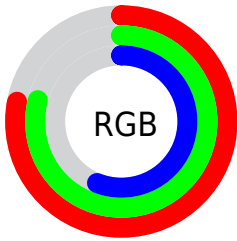
Format	Color
RYB	142, 201, 145
Decimal	13027726
CIELab	79.46, -10.37, 29.21
CIELCh	79, 30.996, 109.545
Yxy	55.7320, 0.3541, 0.4022
Android (android.graphics.Color)	4291217806 (0xFFC6C98E)
YUV	193.3770, -25.3289, 4.0544
Hunter-Lab	74.6539, -13.3236, 25.4384

Details

The Yxy color **55.7320, 0.3541, 0.4022** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.5851, 0.2641, 0.2450**, and the grayscale version is **53.7116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **27.4624, 0.3635, 0.4221** is the 20% darker color. If you saturate the color by 10%, you get **55.0479, 0.3677, 0.4268**, and if you desaturate by 10%, it is **56.5309, 0.3399, 0.3769**.

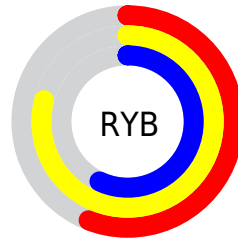
Distribution



Red (78%)

Green (79%)

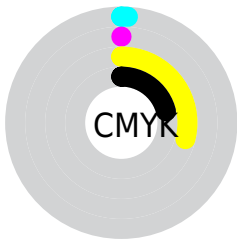
Blue (56%)



Red (56%)

Yellow (79%)

Blue (57%)

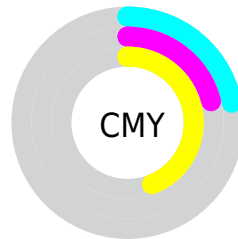


Cyan (1%)

Magenta (0%)

Yellow (29%)

Black (21%)



Cyan (22%)


Magenta (21%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7320, 0.3541, 0.4022 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 55.7320, 0.3541, 0.4022 by changing the saturation by 10% instead.


 55.7320, 0.3541,
0.4022


 55.7320, 0.3541,
0.4022


408.6807, 0.3347,
0.3662

 39.9881, 0.3585,
0.4109


 98.6126, 0.3474,
0.3893

 27.5293, 0.3639,
0.4219


 126.5181, 0.3447,
0.3844

 17.9711, 0.3705,
0.4361


159.2463, 0.3425,
0.3802

 10.9292, 0.3788,
0.4552

197.1815, 0.3405,
0.3766

 6.0193, 0.3889,
0.4816

240.7082, 0.3388,
0.3735

 2.8568, 0.4103,
0.5330

290.2107, 0.3373,

 1.0574, 0.4125,

0.3708

0.5875

346.0734, 0.3359,
0.3683

0.0000, 0.0000,
0.0000

55.7320, 0.3541,
0.4022

55.7320, 0.3541,
0.4022

55.0479, 0.3677,
0.4268

56.5309, 0.3399,
0.3769

54.4651, 0.3802,
0.4497

57.4425, 0.3257,
0.3518

53.9799, 0.3910,
0.4699

58.4744, 0.3118,
0.3274

53.5851, 0.3996,
0.4867

59.6312, 0.2985,
0.3043

53.2726, 0.4057,
0.4992

60.9176, 0.2861,
0.2827

■ 53.0328, 0.4092,
0.5074

■ 61.8375, 0.2790,
0.2702

■ 52.8491, 0.4105,
0.5119

■ 61.9801, 0.2797,
0.2703

■ 52.8377, 0.4106,
0.5122

■ 62.1237, 0.2804,
0.2704

■ 62.2681, 0.2811,
0.2705

Harmonies

Analogous

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



55.7320, 0.3839, 0.3877



55.7320, 0.3541, 0.4022



55.7320, 0.3144, 0.3948

Triad

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



55.7320, 0.3541, 0.4022



55.7320, 0.2374, 0.2903



55.7320, 0.3482, 0.2957

Complementary

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



55.7320, 0.3541, 0.4022



29.5851, 0.2641, 0.2450

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.



55.7320, 0.3068, 0.2731



55.7320, 0.3541, 0.4022



55.7320, 0.2449, 0.2685

Square

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



55.7320, 0.3541, 0.4022



55.7320, 0.2482, 0.3257



55.7320, 0.2694, 0.2630



55.7320, 0.3812, 0.3264

Rectangle

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



55.7320, 0.3541, 0.4022



55.7320, 0.2879, 0.3772



55.7320, 0.2694, 0.2630



55.7320, 0.3347, 0.2870

Sweetspot

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



55.7345, 0.3541, 0.4022



98.3919, 0.3254, 0.3513



34.6107, 0.3762, 0.3331



21.0078, 0.3275, 0.3549



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.



55.7345, 0.3541, 0.4022



94.6870, 0.3626, 0.4175



52.1091, 0.3295, 0.4084



12.3889, 0.3258, 0.3519



33.2375, 0.4107, 0.5121



1.5823, 0.4126, 0.5106

Inverse Universe

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



29.5851, 0.2641, 0.2450



42.9717, 0.2519, 0.2243



32.6191, 0.2907, 0.2510



10.3124, 0.2990, 0.3052



2.7042, 0.1518, 0.0610



0.1371, 0.1581, 0.0644

Previews

White Background



This preview shows how the Yxy color 55.7320, 0.3541, 0.4022 looks on a white background.

Color Contrast Check

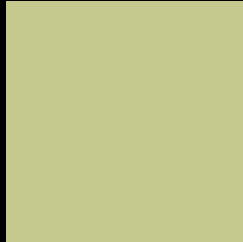
Large Text (above 18pt) WCAG AA × Fail

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 55.7320, 0.3541, 0.4022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

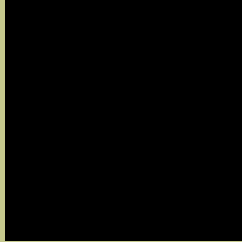
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

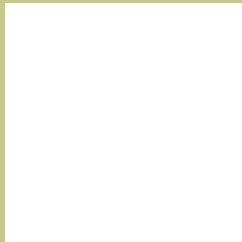
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7320, 0.3541, 0.4022

Background



This preview shows how black text looks on a background with the Yxy color 55.7320, 0.3541, 0.4022.



This preview shows how white text looks on a background with the Yxy color 55.7320, 0.3541, 0.4022.

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

55.7320, 0.3541, 0.4022

Protanopia

55.8230, 0.3690, 0.3972

Deuteranopia

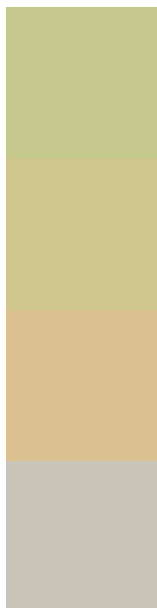
55.7632, 0.3866, 0.3788



Tritanopia

55.8158, 0.3119, 0.3114

Trichromacy



Original Color

55.7320, 0.3541, 0.4022

Protanomaly

55.5767, 0.3635, 0.3982

Deuteranomaly

55.3692, 0.3743, 0.3866

Tritanomaly

55.6371, 0.3274, 0.3435

Monochromacy



Original Color

55.7320, 0.3541, 0.4022

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.1380, 0.3284, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7320, 0.3541, 0.4022 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, 201, 142)` looks like.

```
.text, #text, p{  
    color:rgb(198, 201, 142)  
}
```

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, 201, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 201, 142) }
```

Border

The CSS property to change the border of an element to Yxy 55.7320, 0.3541, 0.4022 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, 201, 142) }
```

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

```
.border{ border-color:rgb(198, 201, 142) }
```

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

Here you see how a box with a 4 pixel rgb(198, 201, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 201, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 201, 142);  
box-shadow:4px 4px 4px 4px rgb(198, 201,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7320, 0.3541, 0.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 201, 142) }
```

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

```
.background{ background-color: rgb(198,  
201, 142) }
```

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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