

Converting Colors

$Yxy(55.3033, 0.3370, 0.3512)$

Have a look what the booklet for
Yxy(55.3033, 0.3370, 0.3512)
contains.

Yxy(55.4302, 0.3371, 0.3520)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.4302, 0.3371, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	CFC3B0
RGB	207, 195, 176
RGB Percent	81%, 76%, 69%
CMY	0.1882, 0.2353, 0.3099
CMYK	0.00, 0.06, 0.15, 0.19
HSL	37°, 24%, 75%
HSV	37°, 15%, 81%
XYZ	53.0839, 55.4302, 48.9581
YIQ	196.4220, 13.2510, -3.3650

Conversions

Conversions Part 2

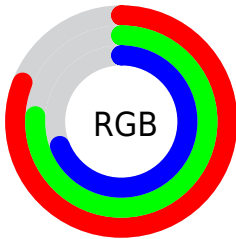
Format	Color
RYB	196, 207, 176
Decimal	13616048
CIELab	79.29, 1.03, 11.07
CIELCh	79, 11.118, 84.661
Yxy	55.4302, 0.3371, 0.3520
Android (android.graphics.Color)	4291806128 (0xFFCFC3B0)
YUV	196.4220, -10.0680, 9.2769
Hunter-Lab	74.4515, -3.0196, 13.1279

Details

The Yxy color **55.4302, 0.3371, 0.3520** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6893, 0.2892, 0.3049**, and the grayscale version is **55.5253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7070, 0.3265, 0.3484**, and **27.1552, 0.3436, 0.3582** is the 20% darker color. If you saturate the color by 10%, you get **51.1816, 0.3556, 0.3681**, and if you desaturate by 10%, it is **60.0012, 0.3204, 0.3365**.

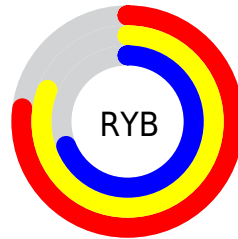
Distribution



Red (81%)

Green (76%)

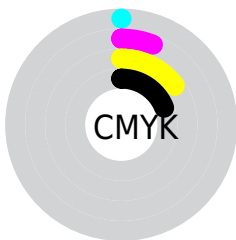
Blue (69%)



Red (77%)

Yellow (81%)

Blue (69%)

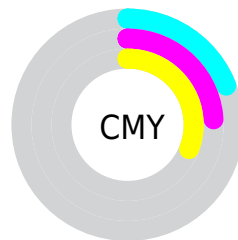


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (19%)



Cyan (19%)


Magenta (24%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4302, 0.3371, 0.3520 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 55.4302, 0.3371, 0.3520 by changing the saturation by 10% instead.


 55.4302, 0.3371,
0.3520

 55.4302, 0.3371,
0.3520


407.5406, 0.3252,
0.3409

 39.7463, 0.3400,
0.3547


 98.1710, 0.3329,
0.3480

 27.3408, 0.3436,
0.3580


125.9966, 0.3313,
0.3465

 17.8293, 0.3483,
0.3624


158.6383, 0.3299,
0.3452

 10.8275, 0.3547,
0.3684

196.4803, 0.3287,
0.3441

 5.9510, 0.3639,
0.3768

239.9072, 0.3277,
0.3432

 2.8153, 0.3780,
0.3897

289.3033, 0.3268,

 1.0361, 0.4230,

0.3423

345.0529, 0.3260,
0.3415

0.4326

0.0000, 0.0000,
0.0000

55.4302, 0.3371,
0.3520

55.4302, 0.3371,
0.3520

51.1816, 0.3556,
0.3681

60.0012, 0.3204,
0.3365

47.2393, 0.3759,
0.3844

64.8954, 0.3055,
0.3218

43.5968, 0.3977,
0.4002

70.1231, 0.2922,
0.3081

40.2442, 0.4204,
0.4146

75.4464, 0.2827,
0.2992

37.1711, 0.4433,
0.4265

79.9307, 0.2832,
0.3079

■ 34.3659, 0.4652,
0.4347

■ 84.6215, 0.2837,
0.3164

■ 31.8157, 0.4849,
0.4382

■ 89.5215, 0.2841,
0.3248

■ 29.5054, 0.5014,
0.4364

■ 92.0075, 0.2844,
0.3289

■ 28.4279, 0.5088,
0.4342

Harmonies

Analogous

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



55.4302, 0.3417, 0.3432



55.4302, 0.3371, 0.3520



55.4302, 0.3259, 0.3548

Triad

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



55.4302, 0.3371, 0.3520



55.4302, 0.2877, 0.3262



55.4302, 0.3135, 0.3090

Complementary

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



55.4302, 0.3371, 0.3520



49.6893, 0.2892, 0.3049

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.



55.4302, 0.2992, 0.3044



55.4302, 0.3371, 0.3520



55.4302, 0.2846, 0.3139

Square

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



55.4302, 0.3371, 0.3520



55.4302, 0.2974, 0.3397



55.4302, 0.2887, 0.3061



55.4302, 0.3279, 0.3186

Rectangle

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



55.4302, 0.3371, 0.3520



55.4302, 0.3163, 0.3526



55.4302, 0.2887, 0.3061



55.4302, 0.3086, 0.3068

Sweetspot

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



55.4327, 0.3371, 0.3520



96.8685, 0.3189, 0.3350



47.9530, 0.3298, 0.3140



20.6098, 0.3201, 0.3362



0.0000, 0.0000, 0.0000



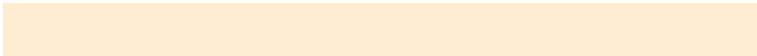
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4327, 0.3371, 0.3520



86.5777, 0.3429, 0.3572



60.5905, 0.3325, 0.3662



12.9975, 0.3275, 0.3432



18.0965, 0.5073, 0.4354



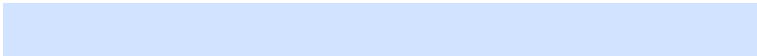
1.1633, 0.4870, 0.4516

Inverse Universe

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



49.6893, 0.2892, 0.3049



75.6498, 0.2839, 0.2992



45.1361, 0.2912, 0.2895



12.1569, 0.2982, 0.3144



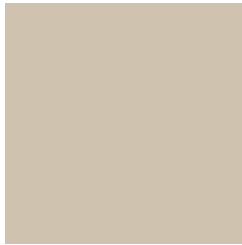
6.6314, 0.1677, 0.1237



0.5229, 0.1780, 0.1608

Previews

White Background



This preview shows how the Yxy color 55.4302, 0.3371, 0.3520 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 55.4302, 0.3371, 0.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

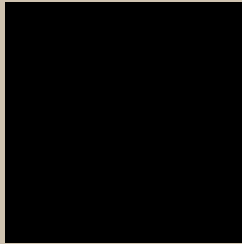
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

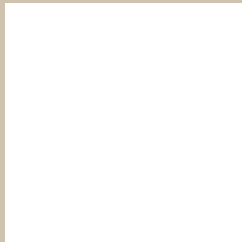
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4302, 0.3371, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 55.4302, 0.3371, 0.3520.



This preview shows how white text looks on a background with the Yxy color 55.4302, 0.3371, 0.3520.

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

55.4302, 0.3371, 0.3520

Protanopia

55.5936, 0.3352, 0.3533

Deuteranopia

55.0991, 0.3502, 0.3430



Tritanopia

55.5667, 0.3176, 0.3116

Trichromacy



Original Color

55.4302, 0.3371, 0.3520

Protanomaly

55.7363, 0.3361, 0.3532

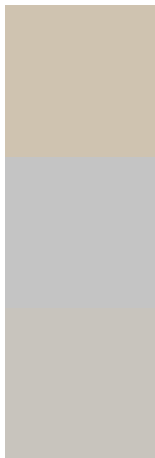
Deuteranomaly

55.1876, 0.3455, 0.3456

Tritanomaly

55.3410, 0.3251, 0.3255

Monochromacy



Original Color

55.4302, 0.3371, 0.3520

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.4333, 0.3211, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4302, 0.3371, 0.3520 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(207, 195, 176)` looks like.

```
.text, #text, p{  
    color:rgb(207, 195, 176)  
}
```

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(207, 195, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 195, 176) }
```

Border

The CSS property to change the border of an element to Yxy 55.4302, 0.3371, 0.3520 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(207, 195, 176) }
```

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

```
.border{ border-color:rgb(207, 195, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 195, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 195, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 195, 176);  
box-shadow:4px 4px 4px 4px rgb(207, 195,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4302, 0.3371, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 195, 176) }
```

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

```
.background{ background-color: rgb(207,  
195, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor