

Converting Colors

Yxy(54.8619, 0.3231, 0.3420)

Have a look what the booklet for
Yxy(54.8619, 0.3231, 0.3420)
contains.

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Color

Yxy(55.1248, 0.3234, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	C7C4B9
RGB	199, 196, 185
RGB Percent	78%, 77%, 73%
CMY	0.2195, 0.2314, 0.2747
CMYK	0.00, 0.02, 0.07, 0.22
HSL	47°, 11%, 75%
HSV	47°, 7%, 78%
XYZ	52.0507, 55.1248, 53.7728
YIQ	195.6430, 5.3190, -2.7850

Conversions

Conversions Part 2

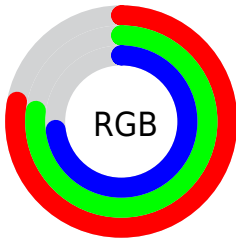
Format	Color
RYB	189, 199, 185
Decimal	13092025
CIELab	79.11, -0.90, 5.90
CIElCh	79, 5.969, 98.659
Yxy	55.1248, 0.3234, 0.3425
Android (android.graphics.Color)	4291282105 (0xFFC7C4B9)
YUV	195.6430, -5.2470, 2.9441
Hunter-Lab	74.2461, -4.7921, 9.0314

Details

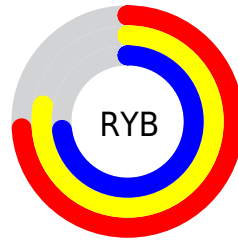
The Yxy color **55.1248, 0.3234, 0.3425** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.3914, 0.3020, 0.3151**, and the grayscale version is **55.0081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8614, 0.3210, 0.3406**, and **27.0317, 0.3261, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **52.4443, 0.3395, 0.3623**, and if you desaturate by 10%, it is **57.9826, 0.3085, 0.3235**.

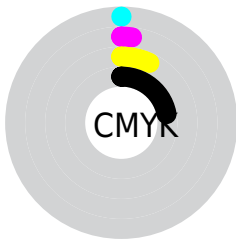
Distribution



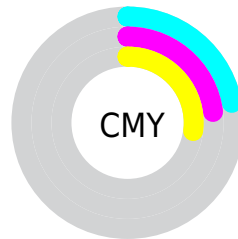
- Red (78%)
- Green (77%)
- Blue (73%)



- Red (74%)
- Yellow (78%)
- Blue (73%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (22%)



- Cyan (22%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1248, 0.3234, 0.3425 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 55.1248, 0.3234, 0.3425 by changing the saturation by 10% instead.

■ 55.1248, 0.3234,
0.3425

■ 55.1248, 0.3234,
0.3425

406.3848, 0.3182,
0.3359

■ 39.5017, 0.3247,
0.3441

■ 97.7238, 0.3215,
0.3401

■ 27.1502, 0.3262,
0.3461

125.4684, 0.3208,
0.3393

■ 17.6861, 0.3283,
0.3488

158.0223, 0.3202,
0.3385

■ 10.7248, 0.3311,
0.3524

195.7699, 0.3197,
0.3378

■ 5.8821, 0.3352,
0.3576

239.0955, 0.3193,
0.3373

■ 2.7735, 0.3415,
0.3657

288.3836, 0.3189,

■ 1.0147, 0.3561,

0.3368

0.3842

344.0186, 0.3185,
0.3363

0.0000, 0.0000,
0.0000

55.1248, 0.3234,
0.3425

55.1248, 0.3234,
0.3425

52.4443, 0.3395,
0.3623

57.9826, 0.3085,
0.3235

49.9287, 0.3567,
0.3826

61.0156, 0.2948,
0.3057

47.5748, 0.3745,
0.4026

64.2310, 0.2824,
0.2891

45.3763, 0.3925,
0.4217

67.0016, 0.2766,
0.2833

43.3268, 0.4100,
0.4389

69.1810, 0.2770,
0.2881

■ 41.4190, 0.4263,
0.4531

■ 71.4175, 0.2773,
0.2928

■ 39.6448, 0.4406,
0.4634

■ 73.7116, 0.2777,
0.2976

■ 37.9948, 0.4523,
0.4691

■ 76.0635, 0.2780,
0.3023

■ 36.4563, 0.4611,
0.4703

■ 78.4738, 0.2784,
0.3070

Harmonies

Analogous

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



55.1248, 0.3276, 0.3393



55.1248, 0.3234, 0.3425



55.1248, 0.3163, 0.3421

Triad

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



55.1248, 0.3234, 0.3425



55.1248, 0.2979, 0.3243



55.1248, 0.3170, 0.3203

Complementary

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



55.1248, 0.3234, 0.3425



50.3914, 0.3020, 0.3151

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.



55.1248, 0.3090, 0.3164



55.1248, 0.3234, 0.3425



55.1248, 0.2980, 0.3186

Square

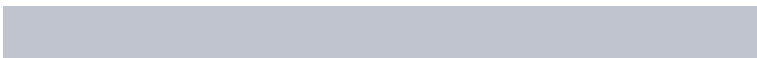
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.1248, 0.3234, 0.3425



55.1248, 0.3016, 0.3315



55.1248, 0.3021, 0.3157



55.1248, 0.3239, 0.3265

Rectangle

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



55.1248, 0.3234, 0.3425



55.1248, 0.3110, 0.3397



55.1248, 0.3021, 0.3157



55.1248, 0.3143, 0.3187

Sweetspot

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



55.1272, 0.3234, 0.3425



98.9792, 0.3157, 0.3328



50.4575, 0.3222, 0.3253



21.1964, 0.3156, 0.3326



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.



55.1272, 0.3234, 0.3425



95.9922, 0.3250, 0.3446



55.9651, 0.3199, 0.3463



12.0155, 0.3270, 0.3470



23.2876, 0.4627, 0.4708



1.2019, 0.4520, 0.4793

Inverse Universe

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



50.3914, 0.3020, 0.3151



86.5355, 0.3003, 0.3130



49.6174, 0.3052, 0.3115



10.6505, 0.2983, 0.3103



3.8560, 0.1565, 0.0835



0.2919, 0.1676, 0.1232

Previews

White Background



This preview shows how the Yxy color 55.1248, 0.3234, 0.3425 looks on a white background.

Color Contrast Check

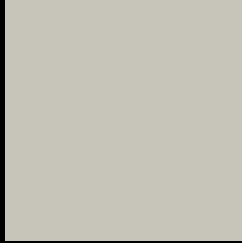
Large Text (above 18pt) WCAG AA × Fail

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 55.1248, 0.3234, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

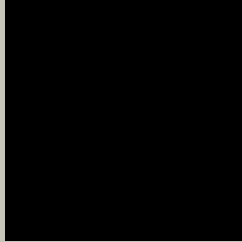
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

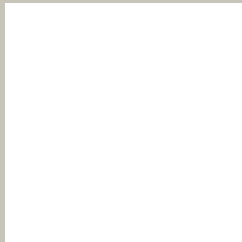
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1248, 0.3234, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 55.1248, 0.3234, 0.3425.

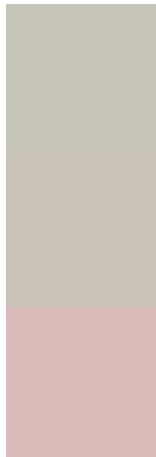


This preview shows how white text looks on a background with the Yxy color 55.1248, 0.3234, 0.3425.

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

55.1248, 0.3234, 0.3425

Protanopia

55.0475, 0.3267, 0.3424

Deuteranopia

54.8458, 0.3394, 0.3326



Tritanopia

55.2506, 0.3088, 0.3112

Trichromacy



Original Color

55.1248, 0.3234, 0.3425

Protanomaly

54.9084, 0.3259, 0.3424

Deuteranomaly

55.0933, 0.3330, 0.3362

Tritanomaly

55.1712, 0.3139, 0.3218

Monochromacy



Original Color

55.1248, 0.3234, 0.3425

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.1559, 0.3165, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1248, 0.3234, 0.3425 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(199, 196, 185)` looks like.

```
.text, #text, p{  
    color:rgb(199, 196, 185)  
}
```

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(199, 196, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 196, 185) }
```

Border

The CSS property to change the border of an element to Yxy 55.1248, 0.3234, 0.3425 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(199, 196, 185) }
```

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

```
.border{ border-color:rgb(199, 196, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 196, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 196, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 196, 185);  
box-shadow:4px 4px 4px 4px rgb(199, 196,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1248, 0.3234, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 196, 185) }
```

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

```
.background{ background-color: rgb(199,  
196, 185) }
```

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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