

Converting Colors

$Y_{xy}(55.3568, 0.3219, 0.3417)$

Have a look what the booklet for
Yxy(55.3568, 0.3219, 0.3417)
contains.

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Color

Yxy(55.4834, 0.3217, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	C6C5BA
RGB	198, 197, 186
RGB Percent	78%, 77%, 73%
CMY	0.2235, 0.2274, 0.2707
CMYK	0.00, 0.00, 0.06, 0.22
HSL	55°, 10%, 75%
HSV	55°, 6%, 78%
XYZ	52.1139, 55.4834, 54.3980
YIQ	196.0450, 4.1270, -3.2090

Conversions

Conversions Part 2

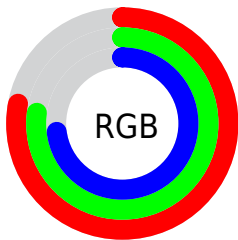
Format	Color
RYB	187, 198, 186
Decimal	13026746
CIELab	79.32, -1.62, 5.65
CIELCh	79, 5.873, 106.014
Yxy	55.4834, 0.3217, 0.3425
Android (android.graphics.Color)	4291216826 (0xFFC6C5BA)
YUV	196.0450, -4.9522, 1.7145
Hunter-Lab	74.4872, -5.4676, 8.8415

Details

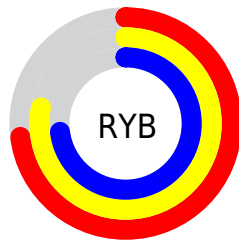
The Yxy color `55.4834, 0.3217, 0.3425` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `50.0329, 0.3036, 0.3151`, and the grayscale version is `55.2584, 0.3127, 0.3290`.

A 20% lighter version of the original color is `98.5544, 0.3203, 0.3405`, and `27.2677, 0.3238, 0.3455` is the 20% darker color. If you saturate the color by 10%, you get `53.9681, 0.3371, 0.3654`, and if you desaturate by 10%, it is `57.1281, 0.3071, 0.3205`.

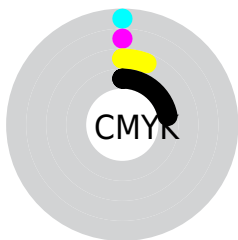
Distribution



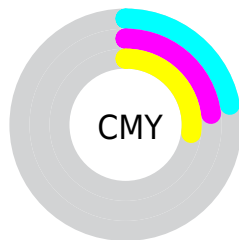
- Red (78%)
- Green (77%)
- Blue (73%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4834, 0.3217, 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 55.4834, 0.3217, 0.3425 by changing the saturation by 10% instead.

■ 55.4834, 0.3217,
0.3425

■ 55.4834, 0.3217,
0.3425

407.7417, 0.3174,
0.3359

■ 39.7889, 0.3227,
0.3441

■ 98.2489, 0.3201,
0.3401

■ 27.3740, 0.3241,
0.3461

126.0886, 0.3196,
0.3393

■ 17.8543, 0.3258,
0.3488

158.7455, 0.3191,
0.3385

■ 10.8454, 0.3281,
0.3524

196.6040, 0.3186,
0.3378

■ 5.9630, 0.3315,
0.3576

240.0485, 0.3182,
0.3373

■ 2.8226, 0.3367,
0.3658

289.4633, 0.3179,

■ 1.0398, 0.3483,

0.3368

0.3832

345.2329, 0.3176,
0.3363

0.0000, 0.0000,
0.0000

55.4834, 0.3217,
0.3425

55.4834, 0.3217,
0.3425

53.9681, 0.3371,
0.3654

57.1281, 0.3071,
0.3205

52.5703, 0.3529,
0.3886

58.8995, 0.2934,
0.2997

51.2872, 0.3688,
0.4114

60.8044, 0.2808,
0.2803

50.1132, 0.3841,
0.4330

62.1745, 0.2751,
0.2724

49.0424, 0.3983,
0.4523

62.9477, 0.2753,
0.2742

■ 48.0682, 0.4107,
0.4685

■ 63.7289, 0.2754,
0.2760

■ 47.1830, 0.4208,
0.4808

■ 64.5182, 0.2756,
0.2779

■ 46.3782, 0.4282,
0.4887

■ 65.3156, 0.2757,
0.2797

■ 45.6428, 0.4330,
0.4924

■ 66.1211, 0.2758,
0.2815

Harmonies

Analogous

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



55.4834, 0.3267, 0.3402



55.4834, 0.3217, 0.3425



55.4834, 0.3144, 0.3412

Triad

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



55.4834, 0.3217, 0.3425



55.4834, 0.2978, 0.3228



55.4834, 0.3187, 0.3218

Complementary

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



55.4834, 0.3217, 0.3425



50.0329, 0.3036, 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.



55.4834, 0.3109, 0.3173



55.4834, 0.3217, 0.3425



55.4834, 0.2989, 0.3178

Square

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



55.4834, 0.3217, 0.3425



55.4834, 0.3006, 0.3297



55.4834, 0.3037, 0.3158



55.4834, 0.3250, 0.3282

Rectangle

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



55.4834, 0.3217, 0.3425



55.4834, 0.3091, 0.3383



55.4834, 0.3037, 0.3158



55.4834, 0.3162, 0.3200

Sweetspot

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



55.4858, 0.3217, 0.3425



99.4094, 0.3157, 0.3335



50.6958, 0.3220, 0.3278



21.2839, 0.3155, 0.3332



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.



55.4858, 0.3217, 0.3425



97.9731, 0.3233, 0.3448



55.2653, 0.3176, 0.3439



12.3274, 0.3239, 0.3457



29.5634, 0.4343, 0.4934



1.4449, 0.4308, 0.4961

Inverse Universe

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



50.0329, 0.3036, 0.3151



86.7572, 0.3019, 0.3127



50.2547, 0.3076, 0.3141



10.8385, 0.3013, 0.3117



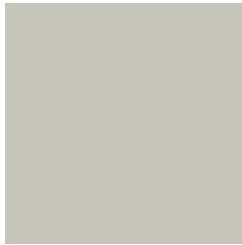
2.9491, 0.1517, 0.0660



0.1891, 0.1572, 0.0860

Previews

White Background



This preview shows how the Yxy color 55.4834, 0.3217, 0.3425 looks on a white background.

Color Contrast Check

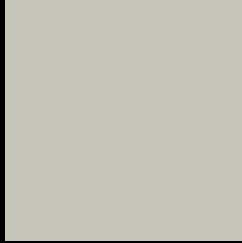
Large Text (above 18pt) WCAG AA × Fail

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 55.4834, 0.3217, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

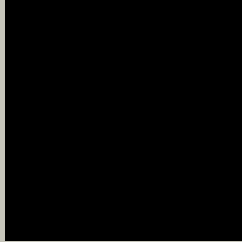
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

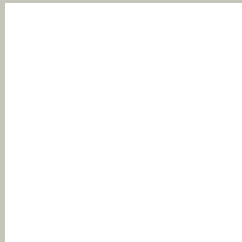
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4834, 0.3217, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 55.4834, 0.3217, 0.3425.



This preview shows how white text looks on a background with the Yxy color 55.4834, 0.3217, 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

55.4834, 0.3217, 0.3425

Protanopia

55.6791, 0.3266, 0.3423

Deuteranopia

55.4748, 0.3393, 0.3326



Tritanopia

55.6045, 0.3072, 0.3112

Trichromacy



Original Color

55.4834, 0.3217, 0.3425

Protanomaly

55.4001, 0.3250, 0.3424

Deuteranomaly

55.5767, 0.3321, 0.3362

Tritanomaly

55.5266, 0.3123, 0.3218

Monochromacy



Original Color

55.4834, 0.3217, 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 55.4834, 0.3217, 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(198, 197, 186)` looks like.

```
.text, #text, p{  
    color:rgb(198, 197, 186)  
}
```

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, 197, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 197, 186) }
```

Border

The CSS property to change the border of an element to Yxy 55.4834, 0.3217, 0.3425 is called "border". The border property can be set on classes, ids or directly on the HTML element.

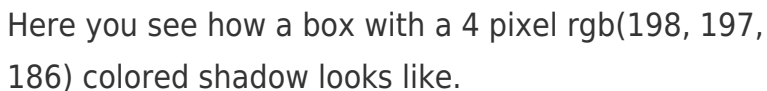
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 197, 186) }
```

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

```
.border{ border-color:rgb(198, 197, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 197, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 197, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 197, 186); box-shadow:4px 4px 4px 4px rgb(198, 197, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4834, 0.3217, 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(198, 197, 186) }
```

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

```
.background{ background-color: rgb(198,  
197, 186) }
```

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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