

Converting Colors

Yxy(54.2527, 0.3202, 0.3391)

Have a look what the booklet for
Yxy(54.2527, 0.3202, 0.3391)
contains.

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Color

Yxy(54.3538, 0.3195, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	C4C3BB
RGB	196, 195, 187
RGB Percent	77%, 76%, 73%
CMY	0.2313, 0.2353, 0.2666
CMYK	0.00, 0.01, 0.05, 0.23
HSL	53°, 7%, 75%
HSV	53°, 5%, 77%
XYZ	51.2575, 54.3538, 54.8190
YIQ	194.3870, 3.1640, -2.2760

Conversions

Conversions Part 2

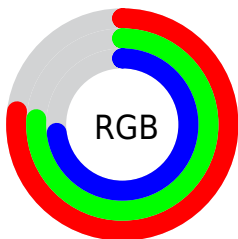
Format	Color
RYB	188, 196, 187
Decimal	12895163
CIELab	78.67, -1.07, 4.11
CIELCh	79, 4.250, 104.539
Yxy	54.3538, 0.3195, 0.3388
Android (android.graphics.Color)	4291085243 (0xFFC4C3BB)
YUV	194.3870, -3.6418, 1.4146
Hunter-Lab	73.7250, -4.9163, 7.5218

Details

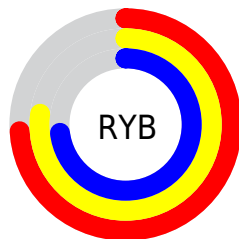
The Yxy color $54.3538, 0.3195, 0.3388$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.5495, 0.3059, 0.3190$, and the grayscale version is $54.2149, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.9745, 0.3186, 0.3377$, and $26.5218, 0.3209, 0.3406$ is the 20% darker color. If you saturate the color by 10%, you get $52.5697, 0.3349, 0.3608$, and if you desaturate by 10%, it is $56.2725, 0.3050, 0.3178$.

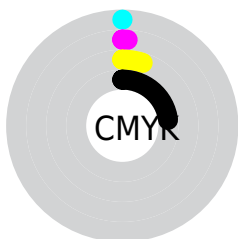
Distribution



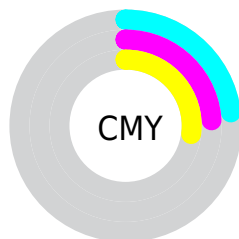
- Red (77%)
- Green (76%)
- Blue (73%)



- Red (74%)
- Yellow (77%)
- Blue (73%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (23%)





- Cyan (23%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3538, 0.3195, 0.3388 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 54.3538, 0.3195, 0.3388 by changing the saturation by 10% instead.

 54.3538, 0.3195,
0.3388

 54.3538, 0.3195,
0.3388


403.4577, 0.3162,
0.3340

 38.8846, 0.3203,
0.3400


 96.5935, 0.3183,
0.3371

 26.6700, 0.3213,
0.3414


124.1328, 0.3179,
0.3364

 17.3255, 0.3226,
0.3434


156.4643, 0.3175,
0.3359

 10.4668, 0.3244,
0.3460


193.9723, 0.3172,
0.3354

 5.7096, 0.3270,
0.3499

237.0413, 0.3169,
0.3350

 2.6693, 0.3311,
0.3559

286.0555, 0.3166,

 0.9616, 0.3403,

0.3346

0.3691

341.3996, 0.3164,
0.3343

0.0000, 0.0000,
0.0000

54.3538, 0.3195,
0.3388

54.3538, 0.3195,
0.3388

52.5697, 0.3349,
0.3608

56.2725, 0.3050,
0.3178

50.9084, 0.3510,
0.3832

58.3232, 0.2915,
0.2979

49.3674, 0.3673,
0.4055

60.5124, 0.2792,
0.2795

47.9412, 0.3833,
0.4267

62.1531, 0.2739,
0.2727

46.6240, 0.3985,
0.4460

63.2333, 0.2741,
0.2753

■ 45.4095, 0.4121,
0.4623

■ 64.3291, 0.2743,
0.2779

■ 44.2904, 0.4236,
0.4749

■ 65.4406, 0.2745,
0.2804

■ 43.2584, 0.4325,
0.4832

■ 66.5677, 0.2747,
0.2830

■ 42.3034, 0.4386,
0.4870

■ 67.7107, 0.2749,
0.2855

Harmonies

Analogous

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



54.3538, 0.3230, 0.3370



54.3538, 0.3195, 0.3388



54.3538, 0.3142, 0.3379

Triad

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



54.3538, 0.3195, 0.3388



54.3538, 0.3019, 0.3248



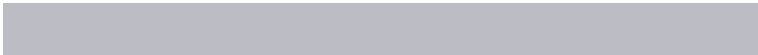
54.3538, 0.3168, 0.3235

Complementary

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



54.3538, 0.3195, 0.3388



50.5495, 0.3059, 0.3190

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.



54.3538, 0.3112, 0.3203



54.3538, 0.3195, 0.3388



54.3538, 0.3025, 0.3210

Square

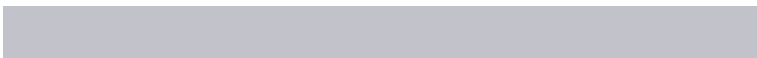
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.3538, 0.3195, 0.3388



54.3538, 0.3041, 0.3298



54.3538, 0.3059, 0.3194



54.3538, 0.3215, 0.3282

Rectangle

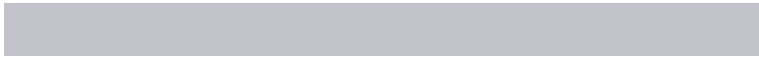
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.3538, 0.3195, 0.3388



54.3538, 0.3104, 0.3360



54.3538, 0.3059, 0.3194



54.3538, 0.3150, 0.3222

Sweetspot

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



54.3562, 0.3195, 0.3388



99.6498, 0.3142, 0.3312



50.9270, 0.3194, 0.3277



21.3329, 0.3141, 0.3310



0.0000, 0.0000, 0.0000



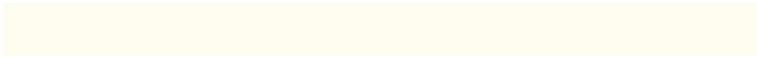
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3562, 0.3195, 0.3388



97.9353, 0.3218, 0.3421



54.3644, 0.3166, 0.3401



11.6636, 0.3225, 0.3431



26.9357, 0.4408, 0.4882



1.2211, 0.4354, 0.4925

Inverse Universe

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



50.5495, 0.3059, 0.3190



88.8764, 0.3035, 0.3156



50.5488, 0.3087, 0.3178



10.5054, 0.3028, 0.3146



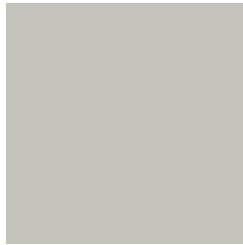
3.0094, 0.1526, 0.0693



0.1935, 0.1605, 0.0976

Previews

White Background



This preview shows how the Yxy color 54.3538, 0.3195, 0.3388 looks on a white background.

Color Contrast Check

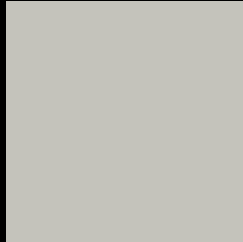
Large Text (above 18pt) WCAG AA × Fail

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 54.3538, 0.3195, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

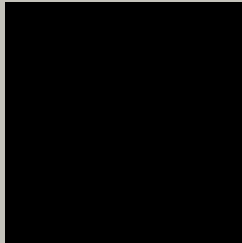
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

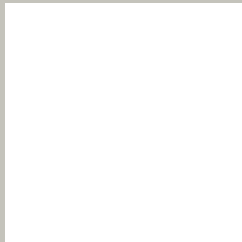
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3538, 0.3195, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 54.3538, 0.3195, 0.3388.

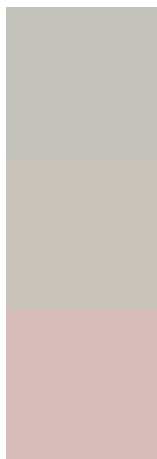


This preview shows how white text looks on a background with the Yxy color 54.3538, 0.3195, 0.3388.

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

54.3538, 0.3195, 0.3388

Protanopia

54.4081, 0.3236, 0.3388

Deuteranopia

54.1962, 0.3363, 0.3291



Tritanopia

54.3464, 0.3072, 0.3111

Trichromacy



Original Color

54.3538, 0.3195, 0.3388

Protanomaly

54.2709, 0.3228, 0.3388

Deuteranomaly

54.4478, 0.3299, 0.3326

Tritanomaly

54.3158, 0.3115, 0.3206

Monochromacy



Original Color

54.3538, 0.3195, 0.3388

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9473, 0.3158, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3538, 0.3195, 0.3388 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, 195, 187)` looks like.

```
.text, #text, p{  
    color:rgb(196, 195, 187)  
}
```

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, 195, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 195, 187) }
```

Border

The CSS property to change the border of an element to Yxy 54.3538, 0.3195, 0.3388 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, 195, 187) }
```

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

```
.border{ border-color:rgb(196, 195, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 195, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 195, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 195, 187); box-shadow:4px 4px 4px 4px rgb(196, 195, 187) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3538, 0.3195, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 195, 187) }
```

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

```
.background{ background-color: rgb(196,  
195, 187) }
```

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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