

Converting Colors

Yxy(54.2225, 0.3187, 0.3389)

Have a look what the booklet for
Yxy(54.2225, 0.3187, 0.3389)
contains.

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Color

Yxy(54.2202, 0.3187, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	C3C3BB
RGB	195, 195, 187
RGB Percent	76%, 76%, 73%
CMY	0.2353, 0.2353, 0.2667
CMYK	0.00, 0.00, 0.04, 0.24
HSL	60°, 6%, 75%
HSV	60°, 4%, 76%
XYZ	50.9884, 54.2202, 54.7802
YIQ	194.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

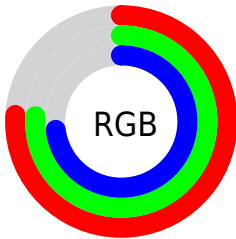
Format	Color
RYB	187, 195, 187
Decimal	12829627
CIELab	78.59, -1.45, 4.02
CIELCh	79, 4.270, 109.791
Yxy	54.2202, 0.3187, 0.3389
Android (android.graphics.Color)	4291019707 (0xFFC3C3BB)
YUV	194.0880, -3.4944, 0.7998
Hunter-Lab	73.6344, -5.2571, 7.4354

Details

The Yxy color `54.2202, 0.3187, 0.3389` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `50.0361, 0.3066, 0.3189`, and the grayscale version is `54.0240, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.7873, 0.3180, 0.3377`, and `26.4337, 0.3198, 0.3407` is the 20% darker color. If you saturate the color by 10%, you get `53.4410, 0.3336, 0.3635`, and if you desaturate by 10%, it is `55.1175, 0.3044, 0.3152`.

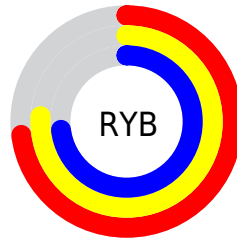
Distribution



Red (76%)

Green (76%)

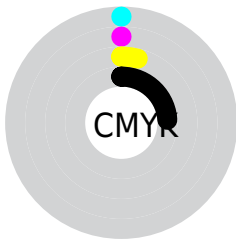
Blue (73%)



Red (73%)

Yellow (76%)

Blue (73%)

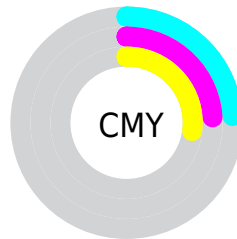


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (24%)



Cyan (24%)

Magenta (24%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2202, 0.3187, 0.3389 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 54.2202, 0.3187, 0.3389 by changing the saturation by 10% instead.

 54.2202, 0.3187,
0.3389

 54.2202, 0.3187,
0.3389

402.9491, 0.3158,
0.3341

 38.7777, 0.3194,
0.3401


 96.3975, 0.3177,
0.3372

 26.5869, 0.3203,
0.3416


123.9011, 0.3173,
0.3365

 17.2632, 0.3215,
0.3435


156.1939, 0.3169,
0.3360

 10.4223, 0.3230,
0.3462

193.6602, 0.3166,
0.3355

 5.6799, 0.3253,
0.3501

236.6845, 0.3164,
0.3351

 2.6514, 0.3289,
0.3563

285.6512, 0.3162,

 0.9526, 0.3373,

0.3347

0.3698

340.9446, 0.3160,
0.3344

0.0000, 0.0000,
0.0000

54.2202, 0.3187,
0.3389

54.2202, 0.3187,
0.3389

53.4410, 0.3336,
0.3635

55.1175, 0.3044,
0.3152

52.7683, 0.3487,
0.3885

56.1302, 0.2908,
0.2928

52.1997, 0.3635,
0.4130

57.2646, 0.2782,
0.2719

51.7298, 0.3775,
0.4362

57.8649, 0.2724,
0.2623

51.3531, 0.3901,
0.4571

57.8672, 0.2725,
0.2624

■ 51.0634, 0.4008,
0.4748

■ 57.8696, 0.2725,
0.2624

■ 50.8536, 0.4091,
0.4886

■ 57.8719, 0.2725,
0.2624

■ 50.7156, 0.4148,
0.4982

■ 57.8742, 0.2725,
0.2624

■ 50.6398, 0.4180,
0.5035

■ 57.8766, 0.2725,
0.2624

Harmonies

Analogous

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



54.2202, 0.3226, 0.3375



54.2202, 0.3187, 0.3389



54.2202, 0.3132, 0.3376

Triad

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



54.2202, 0.3187, 0.3389



54.2202, 0.3017, 0.3240



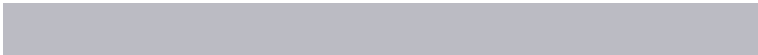
54.2202, 0.3178, 0.3242

Complementary

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



54.2202, 0.3187, 0.3389



50.0361, 0.3066, 0.3189

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.



54.2202, 0.3122, 0.3207



54.2202, 0.3187, 0.3389



54.2202, 0.3029, 0.3205

Square

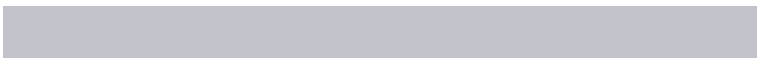
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.2202, 0.3187, 0.3389



54.2202, 0.3034, 0.3289



54.2202, 0.3067, 0.3193



54.2202, 0.3221, 0.3291

Rectangle

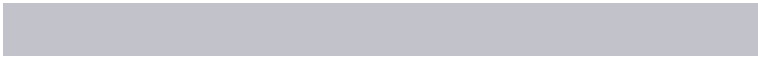
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.2202, 0.3187, 0.3389



54.2202, 0.3094, 0.3353



54.2202, 0.3067, 0.3193



54.2202, 0.3160, 0.3229

Sweetspot

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



54.2225, 0.3187, 0.3389



97.5804, 0.3142, 0.3314



50.7225, 0.3194, 0.3290



21.3708, 0.3141, 0.3313



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.



54.2225, 0.3187, 0.3389



96.9622, 0.3201, 0.3412



53.6960, 0.3155, 0.3390



11.8233, 0.3209, 0.3426



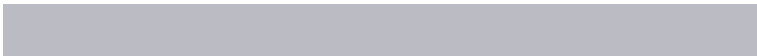
32.8934, 0.4192, 0.5054



1.4214, 0.4192, 0.5053

Inverse Universe

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



50.0361, 0.3066, 0.3189



87.7726, 0.3051, 0.3165



50.5484, 0.3099, 0.3190



10.5869, 0.3043, 0.3151



2.5618, 0.1500, 0.0600



0.1108, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 54.2202, 0.3187, 0.3389 looks on a white background.

Color Contrast Check

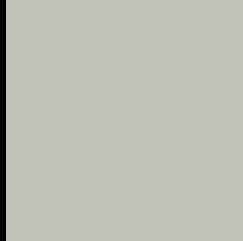
Large Text (above 18pt) WCAG AA × Fail

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 54.2202, 0.3187, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

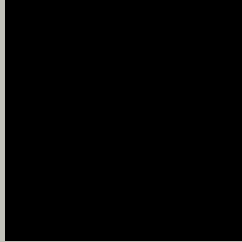
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

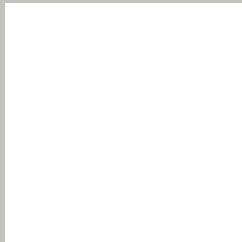
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2202, 0.3187, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 54.2202, 0.3187, 0.3389.

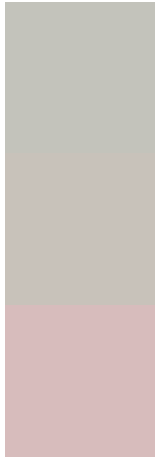


This preview shows how white text looks on a background with the Yxy color 54.2202, 0.3187, 0.3389.

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

54.2202, 0.3187, 0.3389

Protanopia

54.4081, 0.3236, 0.3388

Deuteranopia

54.0444, 0.3354, 0.3291



Tritanopia

54.2100, 0.3064, 0.3110

Trichromacy



Original Color

54.2202, 0.3187, 0.3389

Protanomaly

54.1345, 0.3220, 0.3388

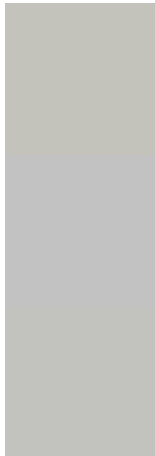
Deuteranomaly

54.3023, 0.3291, 0.3326

Tritanomaly

54.1804, 0.3107, 0.3205

Monochromacy



Original Color

54.2202, 0.3187, 0.3389

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8145, 0.3150, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2202, 0.3187, 0.3389 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(195, 195, 187)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 195, 187) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 54.2202, 0.3187, 0.3389 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(195, 195, 187) }
```

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

```
.border{ border-color:rgb(195, 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(195, 195, 187)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 54.2202, 0.3187, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(195,  
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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