

Converting Colors

$Y_{xy}(54.1280, 0.3189, 0.3351)$

Have a look what the booklet for
Yxy(54.1280, 0.3189, 0.3351)
contains.

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Color

Yxy(54.1280, 0.3189, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	C5C2BD
RGB	197, 194, 189
RGB Percent	77%, 76%, 74%
CMY	0.2273, 0.2392, 0.2587
CMYK	0.00, 0.02, 0.04, 0.23
HSL	37°, 6%, 76%
HSV	37°, 4%, 77%
XYZ	51.5112, 54.1280, 55.8887
YIQ	194.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

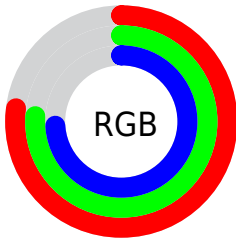
Format	Color
RYB	194, 197, 189
Decimal	12960445
CIELab	78.54, 0.17, 2.86
CIELCh	79, 2.864, 86.608
Yxy	54.1280, 0.3189, 0.3351
Android (android.graphics.Color)	4291150525 (0xFFC5C2BD)
YUV	194.3270, -2.6262, 2.3442
Hunter-Lab	73.5717, -3.7738, 6.4607

Details

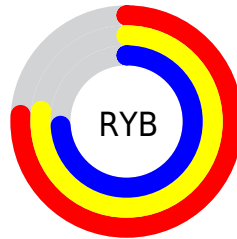
The Yxy color **54.1280, 0.3189, 0.3351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5815, 0.3066, 0.3228**, and the grayscale version is **54.1713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0346, 0.3182, 0.3338**, and **26.3734, 0.3200, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **50.0860, 0.3354, 0.3507**, and if you desaturate by 10%, it is **58.4585, 0.3042, 0.3204**.

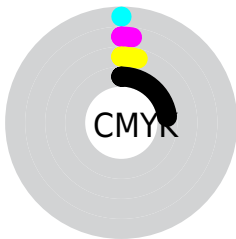
Distribution



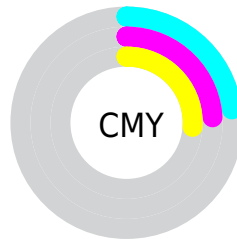
- Red (77%)
- Green (76%)
- Blue (74%)



- Red (76%)
- Yellow (77%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (23%)





- Cyan (23%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1280, 0.3189, 0.3351 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 54.1280, 0.3189, 0.3351 by changing the saturation by 10% instead.


 54.1280, 0.3189,
0.3351

 54.1280, 0.3189,
0.3351


402.5979, 0.3159,
0.3321

 38.7040, 0.3196,
0.3358


 96.2622, 0.3178,
0.3340

 26.5295, 0.3206,
0.3367


123.7411, 0.3174,
0.3336

 17.2202, 0.3218,
0.3379


156.0072, 0.3171,
0.3333

 10.3916, 0.3234,
0.3396

193.4447, 0.3168,
0.3330

 5.6594, 0.3258,
0.3419

236.4382, 0.3165,
0.3327

 2.6391, 0.3297,
0.3456

285.3720, 0.3163,

 0.9464, 0.3373,

0.3325

0.3532

340.6304, 0.3161,
0.3323

0.0000, 0.0000,
0.0000

54.1280, 0.3189,
0.3351

54.1280, 0.3189,
0.3351

50.0860, 0.3354,
0.3507

58.4585, 0.3042,
0.3204

46.3184, 0.3536,
0.3669

63.0773, 0.2911,
0.3067

42.8201, 0.3736,
0.3833

67.9932, 0.2796,
0.2940

39.5831, 0.3950,
0.3993

72.3580, 0.2763,
0.2952

36.5992, 0.4173,
0.4140

76.4650, 0.2769,
0.3035

■ 33.8591, 0.4399,
0.4264

■ 80.7512, 0.2776,
0.3117

■ 31.3530, 0.4615,
0.4352

■ 85.2185, 0.2782,
0.3198

■ 29.0698, 0.4812,
0.4394

■ 89.8692, 0.2788,
0.3277

■ 26.9966, 0.4977,
0.4384

■ 90.6149, 0.2789,
0.3289

Harmonies

Analogous

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



54.1280, 0.3202, 0.3330



54.1280, 0.3189, 0.3351



54.1280, 0.3160, 0.3356

Triad

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



54.1280, 0.3189, 0.3351



54.1280, 0.3061, 0.3281



54.1280, 0.3132, 0.3238

Complementary

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



54.1280, 0.3189, 0.3351



52.5815, 0.3066, 0.3228

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.



54.1280, 0.3095, 0.3225



54.1280, 0.3189, 0.3351



54.1280, 0.3053, 0.3250

Square

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



54.1280, 0.3189, 0.3351



54.1280, 0.3086, 0.3316



54.1280, 0.3066, 0.3230



54.1280, 0.3169, 0.3265

Rectangle

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



54.1280, 0.3189, 0.3351



54.1280, 0.3135, 0.3349



54.1280, 0.3066, 0.3230



54.1280, 0.3119, 0.3232

Sweetspot

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



54.1303, 0.3189, 0.3351



99.2208, 0.3142, 0.3305



52.0895, 0.3170, 0.3252



21.2456, 0.3142, 0.3304



0.0000, 0.0000, 0.0000



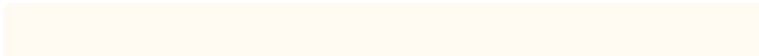
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1303, 0.3189, 0.3351



96.1566, 0.3205, 0.3366



55.3722, 0.3179, 0.3388



12.0606, 0.3214, 0.3375



17.1636, 0.5050, 0.4372



0.9492, 0.4826, 0.4550

Inverse Universe

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



52.5815, 0.3066, 0.3228



92.7180, 0.3050, 0.3212



51.3790, 0.3074, 0.3190



11.5818, 0.3042, 0.3204



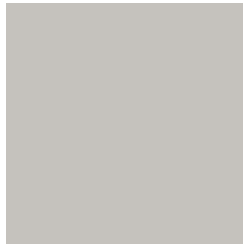
6.0914, 0.1672, 0.1220



0.4277, 0.1791, 0.1648

Previews

White Background



This preview shows how the Yxy color 54.1280, 0.3189, 0.3351 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 54.1280, 0.3189, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

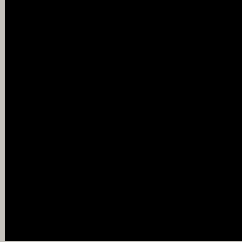
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

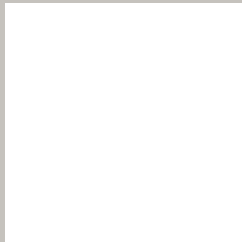
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1280, 0.3189, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 54.1280, 0.3189, 0.3351.

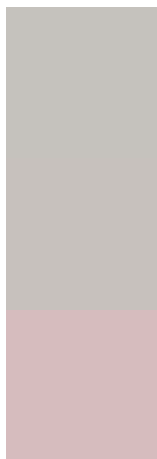


This preview shows how white text looks on a background with the Yxy color 54.1280, 0.3189, 0.3351.

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

54.1280, 0.3189, 0.3351

Protanopia

53.9562, 0.3206, 0.3339

Deuteranopia

53.9803, 0.3329, 0.3267



Tritanopia

53.9972, 0.3087, 0.3111

Trichromacy



Original Color

54.1280, 0.3189, 0.3351

Protanomaly

53.8198, 0.3198, 0.3339

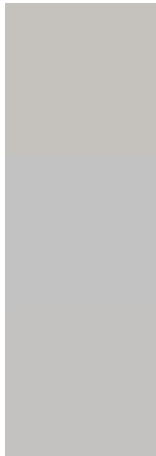
Deuteranomaly

53.9545, 0.3276, 0.3290

Tritanomaly

54.0115, 0.3124, 0.3194

Monochromacy



Original Color

54.1280, 0.3189, 0.3351

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9914, 0.3150, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1280, 0.3189, 0.3351 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(197, 194, 189)` looks like.

```
.text, #text, p{  
    color:rgb(197, 194, 189)  
}
```

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(197, 194, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 194, 189) }
```

Border

The CSS property to change the border of an element to Yxy 54.1280, 0.3189, 0.3351 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(197, 194, 189) }
```

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

```
.border{ border-color:rgb(197, 194, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 194, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 194, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 194, 189);  
box-shadow:4px 4px 4px 4px rgb(197, 194,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1280, 0.3189, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 194, 189) }
```

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

```
.background{ background-color: rgb(197,  
194, 189) }
```

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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