

Converting Colors

Yxy(54.7013, 0.3204, 0.3342)

Have a look what the booklet for
Yxy(54.7013, 0.3204, 0.3342)
contains.

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Color

Yxy(54.5806, 0.3206, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	C8C2BE
RGB	200, 194, 190
RGB Percent	78%, 76%, 75%
CMY	0.2156, 0.2392, 0.2550
CMYK	0.00, 0.03, 0.05, 0.22
HSL	24°, 8%, 76%
HSV	24°, 5%, 78%
XYZ	52.4065, 54.5806, 56.4768
YIQ	195.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

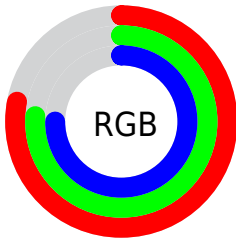
Format	Color
R _{YB}	200, 197, 190
Decimal	13157054
CIE Lab	78.80, 1.39, 2.75
CIE LCh	79, 3.081, 63.290
Yxy	54.5806, 0.3206, 0.3339
Android (android.graphics.Color)	4291347134 (0xFFC8C2BE)
YUV	195.3380, -2.6316, 4.0886
Hunter-Lab	73.8787, -2.6671, 6.3907

Details

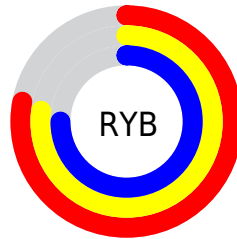
The Yxy color **54.5806, 0.3206, 0.3339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5930, 0.3051, 0.3240**, and the grayscale version is **54.8008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2850, 0.3183, 0.3329**, and **26.6733, 0.3223, 0.3339** is the 20% darker color. If you saturate the color by 10%, you get **48.6454, 0.3382, 0.3442**, and if you desaturate by 10%, it is **61.0710, 0.3055, 0.3243**.

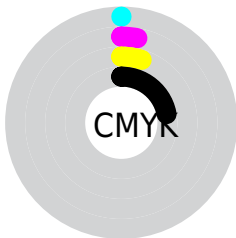
Distribution



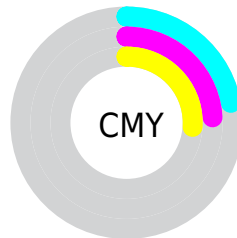
- Red (78%)
- Green (76%)
- Blue (75%)



- Red (78%)
- Yellow (77%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (22%)





- Cyan (22%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5806, 0.3206, 0.3339 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 54.5806, 0.3206, 0.3339 by changing the saturation by 10% instead.


 54.5806, 0.3206,
0.3339

 54.5806, 0.3206,
0.3339


404.3202, 0.3168,
0.3315

 39.0660, 0.3215,
0.3345


 96.9262, 0.3192,
0.3331

 26.8111, 0.3227,
0.3352


124.5260, 0.3187,
0.3327

 17.4314, 0.3243,
0.3361


156.9231, 0.3183,
0.3325

 10.5426, 0.3264,
0.3374

194.5017, 0.3179,
0.3322

 5.7601, 0.3294,
0.3393

237.6463, 0.3175,
0.3320

 2.6998, 0.3343,
0.3421

286.7414, 0.3172,

 0.9771, 0.3434,

0.3318

0.3476

342.1712, 0.3170,
0.3317

0.0000, 0.0000,
0.0000

54.5806, 0.3206,
0.3339

54.5806, 0.3206,
0.3339

48.6454, 0.3382,
0.3442

61.0710, 0.3055,
0.3243

43.2433, 0.3587,
0.3549

68.1237, 0.2925,
0.3154

38.3610, 0.3823,
0.3659

75.7550, 0.2814,
0.3073

33.9820, 0.4091,
0.3765

82.9747, 0.2795,
0.3151

30.0888, 0.4387,
0.3859

90.3434, 0.2804,
0.3278

■ 26.6630, 0.4704,
0.3932

■ 91.0215, 0.2805,
0.3289

■ 23.6844, 0.5025,
0.3969

■ 21.1312, 0.5328,
0.3959

■ 18.9788, 0.5587,
0.3896

Harmonies

Analogous

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



54.5806, 0.3203, 0.3307



54.5806, 0.3206, 0.3339



54.5806, 0.3188, 0.3358

Triad

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



54.5806, 0.3206, 0.3339



54.5806, 0.3075, 0.3310



54.5806, 0.3101, 0.3222

Complementary

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



54.5806, 0.3206, 0.3339



54.5930, 0.3051, 0.3240

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.



54.5806, 0.3067, 0.3223



54.5806, 0.3206, 0.3339



54.5806, 0.3052, 0.3273

Square

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



54.5806, 0.3206, 0.3339



54.5806, 0.3112, 0.3341



54.5806, 0.3049, 0.3241



54.5806, 0.3142, 0.3240

Rectangle

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



54.5806, 0.3206, 0.3339



54.5806, 0.3166, 0.3361



54.5806, 0.3049, 0.3241



54.5806, 0.3088, 0.3220

Sweetspot

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



54.5830, 0.3206, 0.3339



97.7413, 0.3158, 0.3310



53.0860, 0.3163, 0.3217



20.9444, 0.3157, 0.3309



0.0000, 0.0000, 0.0000



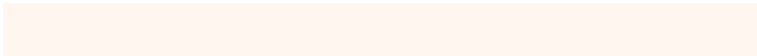
21.4041, 0.3127, 0.3290

Same Dimension

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



54.5830, 0.3206, 0.3339



93.3423, 0.3224, 0.3350



56.8507, 0.3201, 0.3399



11.6940, 0.3232, 0.3355



11.6342, 0.5679, 0.3873



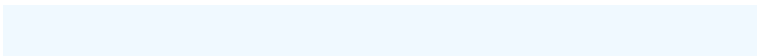
0.6921, 0.5298, 0.4175

Inverse Universe

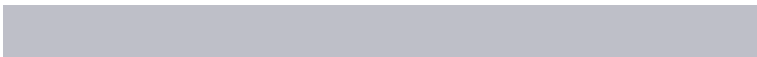
The Inverse Universe completely reimagines the original color for something new.



54.5930, 0.3051, 0.3240



93.3631, 0.3034, 0.3230



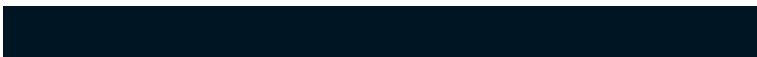
52.3706, 0.3052, 0.3178



11.6968, 0.3027, 0.3225



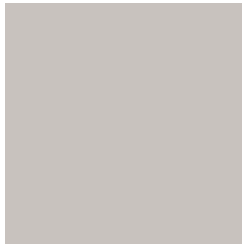
11.3498, 0.1871, 0.1934



0.6765, 0.1958, 0.2247

Previews

White Background



This preview shows how the Yxy color 54.5806, 0.3206, 0.3339 looks on a white background.

Color Contrast Check

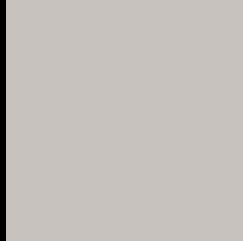
Large Text (above 18pt) WCAG AA × Fail

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 54.5806, 0.3206, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

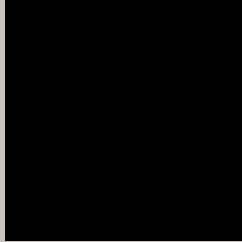
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

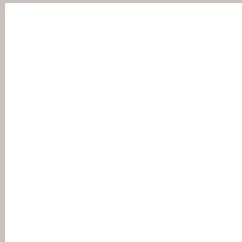
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5806, 0.3206, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 54.5806, 0.3206, 0.3339.



This preview shows how white text looks on a background with the Yxy color 54.5806, 0.3206, 0.3339.

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

54.5806, 0.3206, 0.3339

Protanopia

54.5806, 0.3206, 0.3339

Deuteranopia

54.6039, 0.3328, 0.3267



Tritanopia

54.3232, 0.3096, 0.3100

Trichromacy



Original Color

54.5806, 0.3206, 0.3339

Protanomaly

54.5806, 0.3206, 0.3339

Deuteranomaly

54.7248, 0.3284, 0.3290

Tritanomaly

54.3338, 0.3132, 0.3182

Monochromacy



Original Color

54.5806, 0.3206, 0.3339

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.7508, 0.3158, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5806, 0.3206, 0.3339 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(200, 194, 190)` looks like.

```
.text, #text, p{  
    color:rgb(200, 194, 190)  
}
```

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(200, 194, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 194, 190) }
```

Border

The CSS property to change the border of an element to Yxy 54.5806, 0.3206, 0.3339 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(200, 194, 190) }
```

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

```
.border{ border-color:rgb(200, 194, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 194, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 194, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 194, 190);  
box-shadow:4px 4px 4px 4px rgb(200, 194,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5806, 0.3206, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 194, 190) }
```

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

```
.background{ background-color: rgb(200,  
194, 190) }
```

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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