

Converting Colors

$Yxy(54.2775, 0.3196, 0.3369)$

Have a look what the booklet for
Yxy(54.2775, 0.3196, 0.3369)
contains.

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Color

Yxy(54.0847, 0.3196, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	C5C2BC
RGB	197, 194, 188
RGB Percent	77%, 76%, 74%
CMY	0.2277, 0.2391, 0.2628
CMYK	0.00, 0.01, 0.05, 0.23
HSL	40°, 7%, 75%
HSV	40°, 5%, 77%
XYZ	51.3837, 54.0847, 55.3066
YIQ	194.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

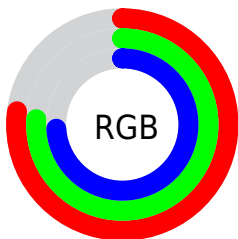
Format	Color
R_{YB}	193, 197, 188
Decimal	12960444
CIE _{Lab}	78.51, -0.06, 3.37
CIE _{LCh}	79, 3.374, 90.996
Y _{xy}	54.0847, 0.3196, 0.3364
Android (android.graphics.Color)	4291150524 (0xFFC5C2BC)
YUV	194.2130, -3.0630, 2.4442
Hunter-Lab	73.5423, -3.9819, 6.8913

Details

The Yxy color **54.0847, 0.3196, 0.3364** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9473, 0.3059, 0.3215**, and the grayscale version is **54.0952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9737, 0.3188, 0.3348**, and **26.3451, 0.3211, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **50.4918, 0.3359, 0.3533**, and if you desaturate by 10%, it is **57.9222, 0.3049, 0.3204**.

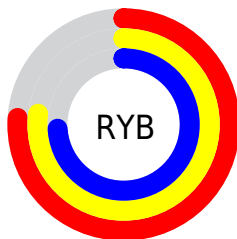
Distribution



Red (77%)

Green (76%)

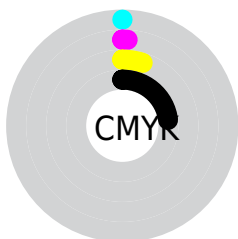
Blue (74%)



Red (76%)

Yellow (77%)

Blue (74%)

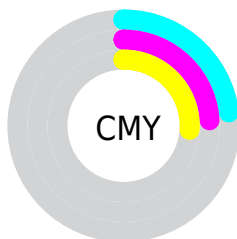


Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (23%)



Cyan (23%)

Magenta (24%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0847, 0.3196, 0.3364 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 54.0847, 0.3196, 0.3364 by changing the saturation by 10% instead.

■ 54.0847, 0.3196,
0.3364

■ 54.0847, 0.3196,
0.3364

402.4329, 0.3162,
0.3328

■ 38.6694, 0.3204,
0.3373

■ 96.1986, 0.3184,
0.3351

■ 26.5026, 0.3214,
0.3384

123.6660, 0.3179,
0.3346

■ 17.2000, 0.3228,
0.3398

155.9195, 0.3176,
0.3342

■ 10.3772, 0.3246,
0.3418

193.3435, 0.3172,
0.3338

■ 5.6498, 0.3273,
0.3447

236.3225, 0.3169,
0.3335

■ 2.6333, 0.3316,
0.3493

285.2408, 0.3167,

■ 0.9434, 0.3406,

0.3333

0.3589

340.4828, 0.3164,
0.3330

0.0000, 0.0000,
0.0000

54.0847, 0.3196,
0.3364

54.0847, 0.3196,
0.3364

50.4918, 0.3359,
0.3533

57.9222, 0.3049,
0.3204

47.1303, 0.3538,
0.3708

62.0033, 0.2917,
0.3054

43.9960, 0.3730,
0.3885

66.3359, 0.2799,
0.2915

41.0819, 0.3933,
0.4056

70.1436, 0.2759,
0.2906

38.3805, 0.4142,
0.4213

73.5817, 0.2764,
0.2978

■ 35.8838, 0.4347,
0.4345

■ 77.1512, 0.2770,
0.3049

■ 33.5829, 0.4540,
0.4441

■ 80.8535, 0.2775,
0.3119

■ 31.4676, 0.4711,
0.4491

■ 84.6899, 0.2781,
0.3188

■ 29.5260, 0.4851,
0.4491

■ 88.6619, 0.2786,
0.3257

Harmonies

Analogous

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



54.0847, 0.3214, 0.3341



54.0847, 0.3196, 0.3364



54.0847, 0.3159, 0.3367

Triad

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



54.0847, 0.3196, 0.3364



54.0847, 0.3046, 0.3274



54.0847, 0.3140, 0.3233

Complementary

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



54.0847, 0.3196, 0.3364



51.9473, 0.3059, 0.3215

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.



54.0847, 0.3095, 0.3215



54.0847, 0.3196, 0.3364



54.0847, 0.3041, 0.3238

Square

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



54.0847, 0.3196, 0.3364



54.0847, 0.3073, 0.3314



54.0847, 0.3059, 0.3217



54.0847, 0.3182, 0.3266

Rectangle

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



54.0847, 0.3196, 0.3364



54.0847, 0.3129, 0.3357



54.0847, 0.3059, 0.3217



54.0847, 0.3125, 0.3225

Sweetspot

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



54.0870, 0.3196, 0.3364



99.3064, 0.3142, 0.3306



51.5895, 0.3178, 0.3253



21.2630, 0.3142, 0.3306



0.0000, 0.0000, 0.0000



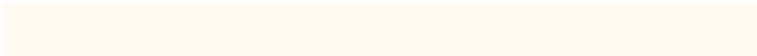
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0870, 0.3196, 0.3364



96.5767, 0.3204, 0.3373



55.2010, 0.3181, 0.3400



12.1191, 0.3213, 0.3382



18.9335, 0.4907, 0.4486



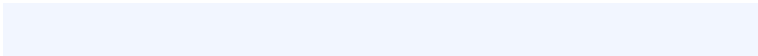
1.0244, 0.4723, 0.4632

Inverse Universe

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



51.9473, 0.3059, 0.3215



92.3062, 0.3051, 0.3206



50.8761, 0.3072, 0.3179



11.5245, 0.3042, 0.3196



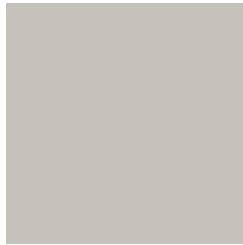
5.2271, 0.1633, 0.1078



0.3804, 0.1753, 0.1511

Previews

White Background



This preview shows how the Yxy color 54.0847, 0.3196, 0.3364 looks on a white background.

Color Contrast Check

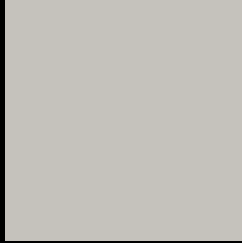
Large Text (above 18pt) WCAG AA × Fail

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 54.0847, 0.3196, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

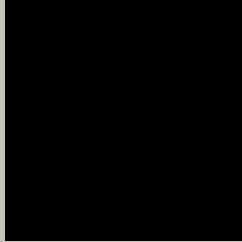
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

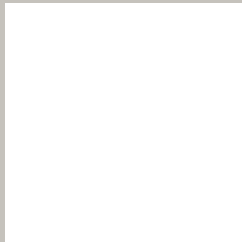
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0847, 0.3196, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 54.0847, 0.3196, 0.3364.

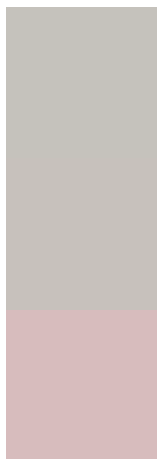


This preview shows how white text looks on a background with the Yxy color 54.0847, 0.3196, 0.3364.

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

54.0847, 0.3196, 0.3364

Protanopia

53.9129, 0.3214, 0.3351

Deuteranopia

54.0876, 0.3346, 0.3279



Tritanopia

53.9972, 0.3087, 0.3111

Trichromacy



Original Color

54.0847, 0.3196, 0.3364

Protanomaly

53.7765, 0.3206, 0.3351

Deuteranomaly

53.9109, 0.3284, 0.3302

Tritanomaly

53.9649, 0.3131, 0.3206

Monochromacy



Original Color

54.0847, 0.3196, 0.3364

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 54.0847, 0.3196, 0.3364 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(197, 194, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 194, 188) }
```

Border

The CSS property to change the border of an element to Yxy 54.0847, 0.3196, 0.3364 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, 188) }
```

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

```
.border{ border-color:rgb(197, 194, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 194, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 194, 188);  
box-shadow:4px 4px 4px 4px rgb(197, 194,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0847, 0.3196, 0.3364 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, 188) }
```

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

```
.background{ background-color: rgb(197,  
194, 188) }
```

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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