

Converting Colors

Yxy(54.2814, 0.3273, 0.3522)

Have a look what the booklet for
Yxy(54.2814, 0.3273, 0.3522)
contains.

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Color

Yxy(54.3899, 0.3270, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	C4C4B1
RGB	196, 196, 177
RGB Percent	77%, 77%, 69%
CMY	0.2313, 0.2314, 0.3060
CMYK	0.00, 0.00, 0.10, 0.23
HSL	60°, 14%, 73%
HSV	60°, 10%, 77%
XYZ	50.4410, 54.3899, 49.4229
YIQ	193.8340, 6.0990, -5.9090

Conversions

Conversions Part 2

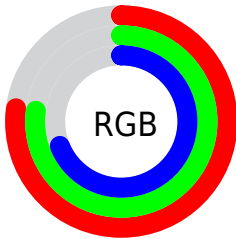
Format	Color
RYB	177, 196, 177
Decimal	12895409
CIELab	78.69, -3.33, 9.55
CIELCh	79, 10.116, 109.219
Yxy	54.3899, 0.3270, 0.3526
Android (android.graphics.Color)	4291085489 (0xFFC4C4B1)
YUV	193.8340, -8.2992, 1.8996
Hunter-Lab	73.7495, -6.9765, 11.8917

Details

The Yxy color **54.3899, 0.3270, 0.3526** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.7700, 0.2977, 0.3043**, and the grayscale version is **53.8940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0164, 0.3245, 0.3485**, and **26.5520, 0.3310, 0.3592** is the 20% darker color. If you saturate the color by 10%, you get **53.6621, 0.3421, 0.3775**, and if you desaturate by 10%, it is **55.2347, 0.3123, 0.3283**.

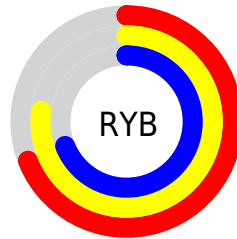
Distribution



Red (77%)

Green (77%)

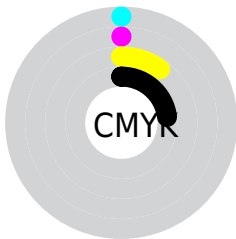
Blue (69%)



Red (69%)

Yellow (77%)

Blue (69%)

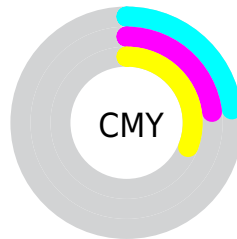


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (23%)



Cyan (23%)


Magenta (23%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3899, 0.3270, 0.3526 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 54.3899, 0.3270, 0.3526 by changing the saturation by 10% instead.

 54.3899, 0.3270,
0.3526

 54.3899, 0.3270,
0.3526


403.5951, 0.3201,
0.3410

 38.9135, 0.3287,
0.3554


 96.6465, 0.3245,
0.3484

 26.6924, 0.3308,
0.3590


124.1954, 0.3236,
0.3469

 17.3424, 0.3335,
0.3637


156.5373, 0.3228,
0.3455

 10.4789, 0.3372,
0.3702

194.0566, 0.3221,
0.3444

 5.7176, 0.3425,
0.3796

237.1376, 0.3215,
0.3434

 2.6741, 0.3505,
0.3946

286.1648, 0.3210,

 0.9641, 0.3827,

0.3425

0.4429

341.5225, 0.3205,
0.3417

0.0000, 0.0000,
0.0000

54.3899, 0.3270,
0.3526

54.3899, 0.3270,
0.3526

53.6621, 0.3421,
0.3775

55.2347, 0.3123,
0.3283

53.0394, 0.3571,
0.4023

56.1939, 0.2983,
0.3051

52.5192, 0.3716,
0.4262

57.2741, 0.2851,
0.2834

52.0958, 0.3849,
0.4482

58.4545, 0.2732,
0.2636

51.7632, 0.3965,
0.4674

58.4585, 0.2732,
0.2637

■ 51.5148, 0.4059,
0.4830

■ 58.4624, 0.2732,
0.2637

■ 51.3429, 0.4128,
0.4944

■ 58.4664, 0.2732,
0.2637

■ 51.2384, 0.4171,
0.5015

■ 58.4703, 0.2732,
0.2637

■ 51.1846, 0.4193,
0.5051

■ 58.4742, 0.2732,
0.2637

Harmonies

Analogous

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



54.3899, 0.3363, 0.3490



54.3899, 0.3270, 0.3526



54.3899, 0.3140, 0.3497

Triad

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



54.3899, 0.3270, 0.3526



54.3899, 0.2869, 0.3170



54.3899, 0.3244, 0.3176

Complementary

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



54.3899, 0.3270, 0.3526



44.7700, 0.2977, 0.3043

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.



54.3899, 0.3110, 0.3095



54.3899, 0.3270, 0.3526



54.3899, 0.2895, 0.3089

Square

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



54.3899, 0.3270, 0.3526



54.3899, 0.2910, 0.3287



54.3899, 0.2983, 0.3063



54.3899, 0.3349, 0.3287

Rectangle

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



54.3899, 0.3270, 0.3526



54.3899, 0.3050, 0.3443



54.3899, 0.2983, 0.3063



54.3899, 0.3201, 0.3144

Sweetspot

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



54.3923, 0.3270, 0.3526



99.5149, 0.3171, 0.3363



46.3595, 0.3293, 0.3286



21.2732, 0.3183, 0.3383



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.



54.3923, 0.3270, 0.3526



98.1749, 0.3307, 0.3587



53.1999, 0.3195, 0.3532



11.7576, 0.3265, 0.3517



32.8834, 0.4194, 0.5052



1.4210, 0.4194, 0.5052

Inverse Universe

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



44.7700, 0.2977, 0.3043



76.6652, 0.2936, 0.2974



45.8834, 0.3054, 0.3048



9.7487, 0.2983, 0.3052



2.5624, 0.1500, 0.0600



0.1110, 0.1501, 0.0602

Previews

White Background



This preview shows how the Yxy color 54.3899, 0.3270, 0.3526 looks on a white background.

Color Contrast Check

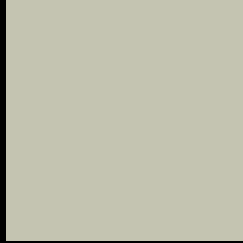
Large Text (above 18pt) WCAG AA × Fail

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 54.3899, 0.3270, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

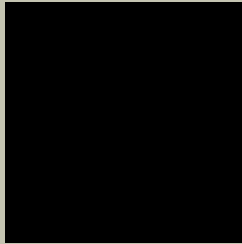
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

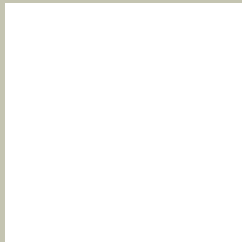
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3899, 0.3270, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 54.3899, 0.3270, 0.3526.



This preview shows how white text looks on a background with the Yxy color 54.3899, 0.3270, 0.3526.

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

54.3899, 0.3270, 0.3526

Protanopia

54.4147, 0.3339, 0.3510

Deuteranopia

54.2812, 0.3462, 0.3396



Tritanopia

54.4836, 0.3080, 0.3111

Trichromacy



Original Color

54.3899, 0.3270, 0.3526

Protanomaly

54.4442, 0.3312, 0.3524

Deuteranomaly

54.3248, 0.3396, 0.3446

Tritanomaly

54.2676, 0.3153, 0.3254

Monochromacy



Original Color

54.3899, 0.3270, 0.3526

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.2632, 0.3179, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3899, 0.3270, 0.3526 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, 196, 177)` looks like.

```
.text, #text, p{  
    color:rgb(196, 196, 177)  
}
```

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, 196, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 196, 177) }
```

Border

The CSS property to change the border of an element to Yxy 54.3899, 0.3270, 0.3526 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, 196, 177) }
```

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

```
.border{ border-color:rgb(196, 196, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 196, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 196, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 196, 177);  
box-shadow:4px 4px 4px 4px rgb(196, 196,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3899, 0.3270, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 196, 177) }
```

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

```
.background{ background-color: rgb(196,  
196, 177) }
```

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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