

Converting Colors

$Yxy(54.0271, 0.3409, 0.3558)$

Have a look what the booklet for
Yxy(54.0271, 0.3409, 0.3558)
contains.

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Color

Yxy(54.2020, 0.3405, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	CEC1AB
RGB	206, 193, 171
RGB Percent	81%, 76%, 67%
CMY	0.1922, 0.2431, 0.3293
CMYK	0.00, 0.06, 0.17, 0.19
HSL	38°, 26%, 74%
HSV	38°, 17%, 81%
XYZ	51.8712, 54.2020, 46.2652
YIQ	194.3790, 14.8100, -4.0860

Conversions

Conversions Part 2

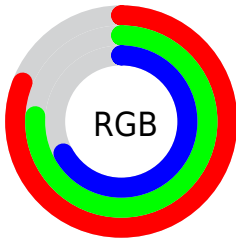
Format	Color
RYB	192, 206, 171
Decimal	13549995
CIELab	78.58, 0.93, 12.71
CIELCh	79, 12.743, 85.809
Yxy	54.2020, 0.3405, 0.3558
Android (android.graphics.Color)	4291740075 (0xFFCEC1AB)
YUV	194.3790, -11.5258, 10.1916
Hunter-Lab	73.6220, -3.0743, 14.2767

Details

The Yxy color **54.2020, 0.3405, 0.3558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3915, 0.2860, 0.3007**, and the grayscale version is **54.2485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5024, 0.3304, 0.3515**, and **26.6674, 0.3470, 0.3633** is the 20% darker color. If you saturate the color by 10%, you get **50.1871, 0.3592, 0.3724**, and if you desaturate by 10%, it is **58.5187, 0.3235, 0.3397**.

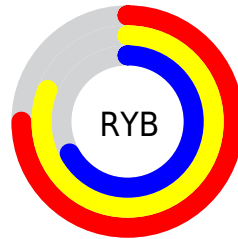
Distribution



Red (81%)

Green (76%)

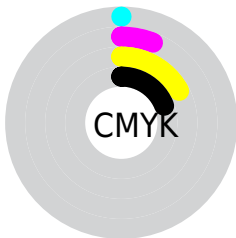
Blue (67%)



Red (75%)

Yellow (81%)

Blue (67%)

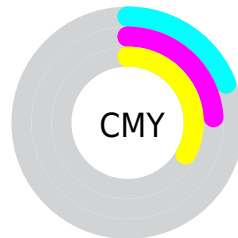


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (19%)



Cyan (19%)


Magenta (24%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2020, 0.3405, 0.3558 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 54.2020, 0.3405, 0.3558 by changing the saturation by 10% instead.


 54.2020, 0.3405,
0.3558

 54.2020, 0.3405,
0.3558

402.8798, 0.3269,
0.3428

 38.7632, 0.3438,
0.3589


 96.3708, 0.3357,
0.3512

 26.5755, 0.3479,
0.3629


123.8695, 0.3338,
0.3494

 17.2547, 0.3534,
0.3681


156.1570, 0.3322,
0.3479

 10.4163, 0.3607,
0.3750

193.6177, 0.3309,
0.3466

 5.6758, 0.3713,
0.3850

236.6359, 0.3297,
0.3454

 2.6490, 0.3875,
0.4002

285.5961, 0.3287,

 0.9513, 0.4584,

0.3444

0.4697

340.8826, 0.3278,
0.3436

0.0000, 0.0000,
0.0000

54.2020, 0.3405,
0.3558

54.2020, 0.3405,
0.3558

50.1871, 0.3592,
0.3724

58.5187, 0.3235,
0.3397

46.4585, 0.3796,
0.3890

63.1378, 0.3083,
0.3245

43.0099, 0.4012,
0.4050

68.0692, 0.2947,
0.3102

39.8319, 0.4235,
0.4193

73.3201, 0.2827,
0.2970

36.9143, 0.4456,
0.4308

77.6117, 0.2823,
0.3037

■ 34.2460, 0.4664,
0.4385

■ 81.9883, 0.2828,
0.3119

■ 31.8141, 0.4848,
0.4413

■ 86.5540, 0.2833,
0.3201

■ 29.6029, 0.5000,
0.4390

■ 91.3110, 0.2837,
0.3280

■ 28.9694, 0.5043,
0.4378

■ 91.8589, 0.2838,
0.3289

Harmonies

Analogous

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



54.2020, 0.3462, 0.3457



54.2020, 0.3405, 0.3558



54.2020, 0.3273, 0.3588

Triad

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



54.2020, 0.3405, 0.3558



54.2020, 0.2836, 0.3251



54.2020, 0.3143, 0.3063

Complementary

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



54.2020, 0.3405, 0.3558



47.3915, 0.2860, 0.3007

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.



54.2020, 0.2977, 0.3008



54.2020, 0.3405, 0.3558



54.2020, 0.2803, 0.3110

Square

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



54.2020, 0.3405, 0.3558



54.2020, 0.2945, 0.3408



54.2020, 0.2854, 0.3023



54.2020, 0.3309, 0.3175

Rectangle

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



54.2020, 0.3405, 0.3558



54.2020, 0.3162, 0.3561



54.2020, 0.2854, 0.3023



54.2020, 0.3085, 0.3037

Sweetspot

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



54.2044, 0.3405, 0.3558



96.2251, 0.3205, 0.3367



45.7304, 0.3330, 0.3126



20.4848, 0.3216, 0.3379



0.0000, 0.0000, 0.0000



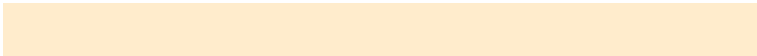
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2044, 0.3405, 0.3558



85.6570, 0.3464, 0.3612



59.6164, 0.3347, 0.3713



12.3699, 0.3275, 0.3436



18.0335, 0.5027, 0.4390



1.0726, 0.4823, 0.4552

Inverse Universe

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



47.3915, 0.2860, 0.3007



72.7896, 0.2805, 0.2946



42.7137, 0.2885, 0.2839



11.5143, 0.2983, 0.3140



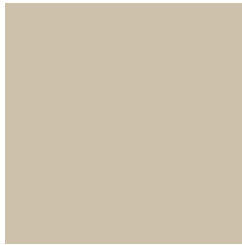
6.1338, 0.1665, 0.1194



0.4608, 0.1776, 0.1594

Previews

White Background



This preview shows how the Yxy color 54.2020, 0.3405, 0.3558 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 54.2020, 0.3405, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

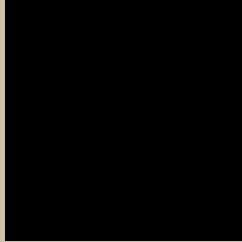
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2020, 0.3405, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 54.2020, 0.3405, 0.3558.



This preview shows how white text looks on a background with the Yxy color 54.2020, 0.3405, 0.3558.

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

54.2020, 0.3405, 0.3558

Protanopia

54.2204, 0.3378, 0.3572

Deuteranopia

53.8914, 0.3540, 0.3467



Tritanopia

53.9799, 0.3193, 0.3114

Trichromacy



Original Color

54.2020, 0.3405, 0.3558

Protanomaly

54.3612, 0.3386, 0.3571

Deuteranomaly

53.9727, 0.3492, 0.3492

Tritanomaly

54.1438, 0.3277, 0.3279

Monochromacy



Original Color

54.2020, 0.3405, 0.3558

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.1345, 0.3220, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2020, 0.3405, 0.3558 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(206, 193, 171)` looks like.

```
.text, #text, p{  
    color:rgb(206, 193, 171)  
}
```

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(206, 193, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 193, 171) }
```

Border

The CSS property to change the border of an element to Yxy 54.2020, 0.3405, 0.3558 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(206, 193, 171) }
```

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

```
.border{ border-color:rgb(206, 193, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 193, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 193, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 193, 171);  
box-shadow:4px 4px 4px 4px rgb(206, 193,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2020, 0.3405, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 193, 171) }
```

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

```
.background{ background-color: rgb(206,  
193, 171) }
```

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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