

Converting Colors

$Yxy(54.6985, 0.3514, 0.4052)$

Have a look what the booklet for
Yxy(54.6985, 0.3514, 0.4052)
contains.

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Color

Yxy(54.5395, 0.3516, 0.4047)

Conversions

Conversions Part 1

Format	Color
Hex	C1C88C
RGB	193, 200, 140
RGB Percent	76%, 78%, 55%
CMY	0.2431, 0.2157, 0.4510
CMYK	0.03, 0.00, 0.30, 0.22
HSL	67°, 35%, 67%
HSV	67°, 30%, 78%
XYZ	47.3835, 54.5395, 32.8423
YIQ	191.0670, 15.0880, -20.1440

Conversions

Conversions Part 2

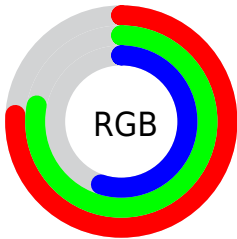
Format	Color
RYB	140, 200, 147
Decimal	12699788
CIELab	78.78, -12.05, 29.28
CIElCh	79, 31.661, 112.378
Yxy	54.5395, 0.3516, 0.4047
Android (android.graphics.Color)	4290889868 (0xFFC1C88C)
YUV	191.0670, -25.1760, 1.6952
Hunter-Lab	73.8509, -14.7116, 25.3287

Details

The Yxy color **54.5395, 0.3516, 0.4047** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.1302, 0.2663, 0.2437**, and the grayscale version is **52.2862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7390, 0.3456, 0.3897**, and **26.7680, 0.3613, 0.4254** is the 20% darker color. If you saturate the color by 10%, you get **53.7009, 0.3639, 0.4300**, and if you desaturate by 10%, it is **55.4951, 0.3387, 0.3789**.

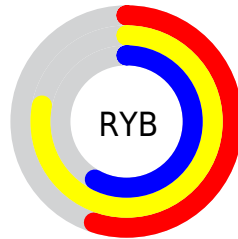
Distribution



Red (76%)

Green (78%)

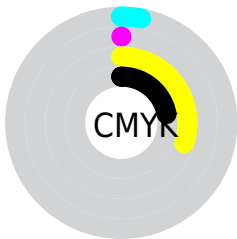
Blue (55%)



Red (55%)

Yellow (78%)

Blue (58%)

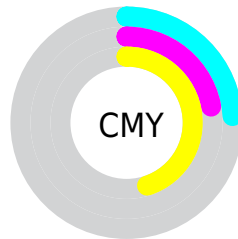


Cyan (3%)

Magenta (0%)

Yellow (30%)

Black (22%)



Cyan (24%)


Magenta (22%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5395, 0.3516, 0.4047 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 54.5395, 0.3516, 0.4047 by changing the saturation by 10% instead.


 54.5395, 0.3516,
0.4047

 54.5395, 0.3516,
0.4047

404.1640, 0.3334,
0.3672


 39.0332, 0.3557,
0.4139

 96.8659, 0.3453,
0.3912

 26.7855, 0.3607,
0.4254


 124.4548, 0.3428,
0.3861

 17.4122, 0.3668,
0.4405


 156.8399, 0.3407,
0.3818

 10.5288, 0.3743,
0.4609

194.4058, 0.3389,
0.3780

 5.7510, 0.3833,
0.4893

237.5367, 0.3373,
0.3748

 2.6942, 0.4062,
0.5496

286.6171, 0.3358,

 0.9743, 0.3924,

0.3719

0.6076

342.0314, 0.3345,
0.3694

0.0000, 0.0000,
0.0000

54.5395, 0.3516,
0.4047

54.5395, 0.3516,
0.4047

53.7009, 0.3639,
0.4300

55.4951, 0.3387,
0.3789

52.9660, 0.3751,
0.4538

56.5656, 0.3256,
0.3535

52.3310, 0.3846,
0.4751


57.7587, 0.3127,
0.3290


51.7887, 0.3918,
0.4930

59.0789, 0.3004,
0.3059


51.3311, 0.3966,
0.5067


60.5309, 0.2887,
0.2843


 50.9485, 0.3988,
0.5159


 61.7921, 0.2809,
0.2694

 50.6227, 0.3989,
0.5215

 62.1300, 0.2825,
0.2697

 50.6227, 0.3989,
0.5215

 62.4728, 0.2841,
0.2699

 62.8205, 0.2857,
0.2702

Harmonies

Analogous

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



54.5395, 0.3837, 0.3915



54.5395, 0.3516, 0.4047



54.5395, 0.3104, 0.3949

Triad

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



54.5395, 0.3516, 0.4047



54.5395, 0.2353, 0.2863



54.5395, 0.3530, 0.2975

Complementary

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



54.5395, 0.3516, 0.4047



29.1302, 0.2663, 0.2437

Split Complementary

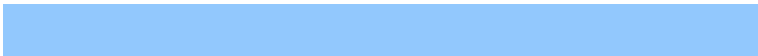
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.5395, 0.3106, 0.2733



54.5395, 0.3516, 0.4047



54.5395, 0.2447, 0.2655

Square

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



54.5395, 0.3516, 0.4047



54.5395, 0.2446, 0.3217



54.5395, 0.2713, 0.2616



54.5395, 0.3854, 0.3295

Rectangle

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



54.5395, 0.3516, 0.4047



54.5395, 0.2835, 0.3755



54.5395, 0.2713, 0.2616



54.5395, 0.3393, 0.2883

Sweetspot

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



54.5419, 0.3516, 0.4047



98.1058, 0.3244, 0.3513



34.7325, 0.3769, 0.3371



20.9367, 0.3264, 0.3550



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.



54.5419, 0.3516, 0.4047



93.4606, 0.3597, 0.4213



51.0953, 0.3274, 0.4110



12.3519, 0.3248, 0.3519



32.2129, 0.3992, 0.5212



1.5435, 0.4036, 0.5177

Inverse Universe

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



29.1302, 0.2663, 0.2437



42.4712, 0.2541, 0.2220



32.1585, 0.2929, 0.2498



10.3456, 0.3000, 0.3052



2.7900, 0.1546, 0.0625



0.1524, 0.1683, 0.0701

Previews

White Background



This preview shows how the Yxy color 54.5395, 0.3516, 0.4047 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 54.5395, 0.3516, 0.4047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

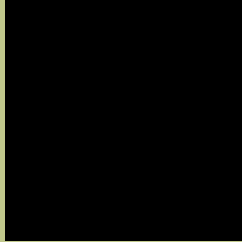
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5395, 0.3516, 0.4047

Background



This preview shows how black text looks on a background with the Yxy color 54.5395, 0.3516, 0.4047.



This preview shows how white text looks on a background with the Yxy color 54.5395, 0.3516, 0.4047.

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

54.5395, 0.3516, 0.4047

Protanopia

54.5668, 0.3695, 0.3979

Deuteranopia

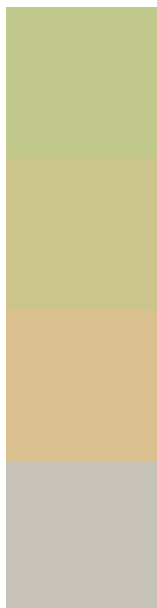
54.3468, 0.3864, 0.3793



Tritanopia

54.3232, 0.3096, 0.3100

Trichromacy



Original Color

54.5395, 0.3516, 0.4047

Protanomaly

54.6340, 0.3628, 0.4002

Deuteranomaly

54.4040, 0.3737, 0.3884

Tritanomaly

54.1446, 0.3251, 0.3425

Monochromacy



Original Color

54.5395, 0.3516, 0.4047

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.7686, 0.3278, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5395, 0.3516, 0.4047 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(193, 200, 140)` looks like.

```
.text, #text, p{  
    color:rgb(193, 200, 140)  
}
```

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(193, 200, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 200, 140) }
```

Border

The CSS property to change the border of an element to Yxy 54.5395, 0.3516, 0.4047 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(193, 200, 140) }
```

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

```
.border{ border-color:rgb(193, 200, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 200, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 200, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 200, 140);  
box-shadow:4px 4px 4px 4px rgb(193, 200,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5395, 0.3516, 0.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 200, 140) }
```

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

```
.background{ background-color: rgb(193,  
200, 140) }
```

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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