

Converting Colors

$Yxy(56.8363, 0.3545, 0.4029)$

Have a look what the booklet for
Yxy(56.8363, 0.3545, 0.4029)
contains.

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Color

Yxy(56.9744, 0.3544, 0.4028)

Conversions

Conversions Part 1

Format	Color
Hex	C8CB8F
RGB	200, 203, 143
RGB Percent	78%, 80%, 56%
CMY	0.2158, 0.2039, 0.4392
CMYK	0.01, 0.00, 0.30, 0.20
HSL	63°, 37%, 68%
HSV	63°, 30%, 80%
XYZ	50.1284, 56.9744, 34.3431
YIQ	195.2630, 17.4720, -19.2960

Conversions

Conversions Part 2

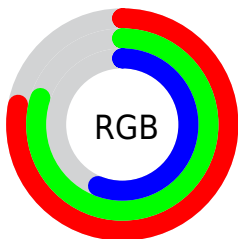
Format	Color
RYB	143, 203, 146
Decimal	13159311
CIELab	80.17, -10.53, 29.66
CIELCh	80, 31.475, 109.550
Yxy	56.9744, 0.3544, 0.4028
Android (android.graphics.Color)	4291349391 (0xFFC8CB8F)
YUV	195.2630, -25.7657, 4.1543
Hunter-Lab	75.4814, -13.5477, 25.8608

Details

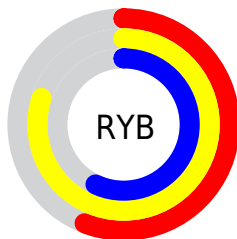
The Yxy color **56.9744, 0.3544, 0.4028** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.0739, 0.2636, 0.2442**, and the grayscale version is **54.8865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **28.2873, 0.3638, 0.4225** is the 20% darker color. If you saturate the color by 10%, you get **56.2753, 0.3680, 0.4274**, and if you desaturate by 10%, it is **57.7909, 0.3402, 0.3775**.

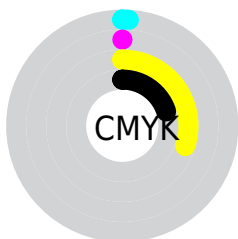
Distribution



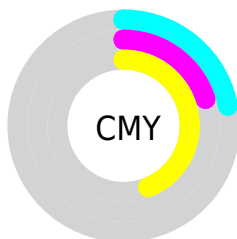
- Red (78%)
- Green (80%)
- Blue (56%)



- Red (56%)
- Yellow (80%)
- Blue (57%)



- Cyan (1%)
- Magenta (0%)
- Yellow (30%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9744, 0.3544, 0.4028 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 56.9744, 0.3544, 0.4028 by changing the saturation by 10% instead.

■ 56.9744, 0.3544,
0.4028

■ 56.9744, 0.3544,
0.4028

■ 413.3534, 0.3349,
0.3666

■ 40.9847, 0.3588,
0.4115

■ 100.4278, 0.3477,
0.3899

■ 28.3071, 0.3641,
0.4225

■ 128.6603, 0.3450,
0.3850

■ 18.5573, 0.3707,
0.4366

■ 161.7426, 0.3428,
0.3808

■ 11.3508, 0.3789,
0.4555

■ 200.0589, 0.3408,
0.3772

■ 6.3033, 0.3889,
0.4816

■ 243.9938, 0.3391,
0.3740

■ 3.0304, 0.4080,
0.5296

■ 293.9315, 0.3375,

■ 1.1476, 0.4145,

0.3713

0.5855

350.2566, 0.3362,
0.3688

0.0183, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.9744, 0.3544,
0.4028

56.9744, 0.3544,
0.4028

56.2753, 0.3680,
0.4274

57.7909, 0.3402,
0.3775

55.6799, 0.3804,
0.4502

58.7228, 0.3260,
0.3523

55.1842, 0.3911,
0.4704

59.7776, 0.3121,
0.3279

54.7809, 0.3997,
0.4871

60.9604, 0.2988,
0.3048

■ 54.4616, 0.4057,
0.4996

■ 62.2758, 0.2863,
0.2831

■ 54.2166, 0.4092,
0.5077

■ 63.0797, 0.2805,
0.2727

■ 54.0284, 0.4104,
0.5121

■ 63.2275, 0.2812,
0.2728

■ 54.0204, 0.4105,
0.5123

■ 63.3761, 0.2819,
0.2729

■ 63.5258, 0.2826,
0.2730

Harmonies

Analogous

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



56.9744, 0.3844, 0.3882



56.9744, 0.3544, 0.4028



56.9744, 0.3144, 0.3954

Triad

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



56.9744, 0.3544, 0.4028



56.9744, 0.2368, 0.2899



56.9744, 0.3485, 0.2954

Complementary

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



56.9744, 0.3544, 0.4028



30.0739, 0.2636, 0.2442

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.



56.9744, 0.3067, 0.2727



56.9744, 0.3544, 0.4028



56.9744, 0.2443, 0.2680

Square

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



56.9744, 0.3544, 0.4028



56.9744, 0.2477, 0.3257



56.9744, 0.2691, 0.2626



56.9744, 0.3817, 0.3264

Rectangle

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



56.9744, 0.3544, 0.4028



56.9744, 0.2877, 0.3777



56.9744, 0.2691, 0.2626



56.9744, 0.3349, 0.2867

Sweetspot

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



56.9770, 0.3544, 0.4028



98.3894, 0.3254, 0.3513



35.2411, 0.3768, 0.3331



21.0071, 0.3275, 0.3549



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.



56.9770, 0.3544, 0.4028



94.6771, 0.3625, 0.4175



53.2481, 0.3296, 0.4091



13.0667, 0.3258, 0.3520



34.3859, 0.4106, 0.5122



1.7830, 0.4124, 0.5107

Inverse Universe

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



30.0739, 0.2636, 0.2442



42.9776, 0.2519, 0.2243



33.1901, 0.2905, 0.2503



10.8706, 0.2990, 0.3051



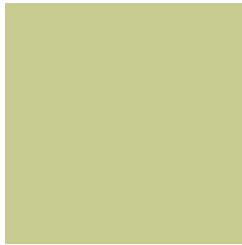
2.7982, 0.1518, 0.0610



0.1541, 0.1578, 0.0643

Previews

White Background



This preview shows how the Yxy color 56.9744, 0.3544, 0.4028 looks on a white background.

Color Contrast Check

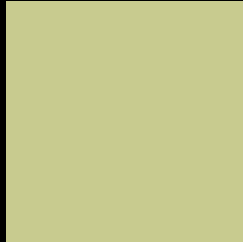
Large Text (above 18pt) WCAG AA × Fail

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 56.9744, 0.3544, 0.4028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

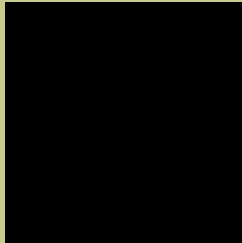
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

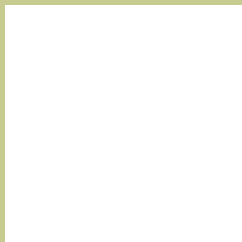
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9744, 0.3544, 0.4028

Background



This preview shows how black text looks on a background with the Yxy color 56.9744, 0.3544, 0.4028.



This preview shows how white text looks on a background with the Yxy color 56.9744, 0.3544, 0.4028.

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

56.9744, 0.3544, 0.4028

Protanopia

57.0661, 0.3692, 0.3978

Deuteranopia

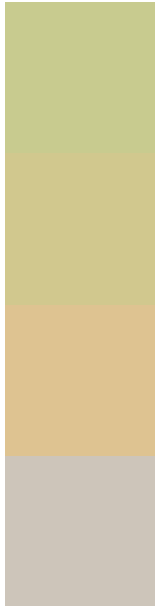
56.5644, 0.3871, 0.3784



Tritanopia

56.6466, 0.3120, 0.3104

Trichromacy



Original Color

56.9744, 0.3544, 0.4028

Protanomaly

56.8169, 0.3638, 0.3988

Deuteranomaly

56.6041, 0.3745, 0.3872

Tritanomaly

56.4568, 0.3274, 0.3422

Monochromacy



Original Color

56.9744, 0.3544, 0.4028

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.3931, 0.3283, 0.3562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9744, 0.3544, 0.4028 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, 203, 143)` looks like.

```
.text, #text, p{  
    color:rgb(200, 203, 143)  
}
```

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, 203, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 203, 143) }
```

Border

The CSS property to change the border of an element to Yxy 56.9744, 0.3544, 0.4028 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, 203, 143) }
```

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

```
.border{ border-color:rgb(200, 203, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 203, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 203, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 203, 143);  
box-shadow:4px 4px 4px 4px rgb(200, 203,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9744, 0.3544, 0.4028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 203, 143) }
```

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

```
.background{ background-color: rgb(200,  
203, 143) }
```

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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