

Converting Colors

Yxy(54.7280, 0.3420, 0.3688)

Have a look what the booklet for
Yxy(54.7280, 0.3420, 0.3688)
contains.

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Color

Yxy(54.7167, 0.3420, 0.3684)

Conversions

Conversions Part 1

Format	Color
Hex	CAC4A4
RGB	202, 196, 164
RGB Percent	79%, 77%, 64%
CMY	0.2079, 0.2313, 0.3568
CMYK	0.00, 0.03, 0.19, 0.21
HSL	51°, 26%, 72%
HSV	51°, 19%, 79%
XYZ	50.7956, 54.7167, 43.0129
YIQ	194.1460, 13.8480, -8.6800

Conversions

Conversions Part 2

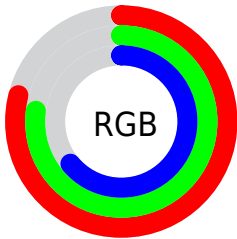
Format	Color
RYB	171, 202, 164
Decimal	13288612
CIELab	78.88, -3.20, 16.83
CIElCh	79, 17.134, 100.761
Yxy	54.7167, 0.3420, 0.3684
Android (android.graphics.Color)	4291478692 (0xFFCAC4A4)
YUV	194.1460, -14.8620, 6.8880
Hunter-Lab	73.9707, -6.8730, 17.3032

Details

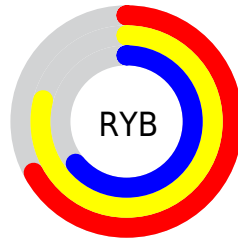
The Yxy color **54.7167, 0.3420, 0.3684** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.9040, 0.2824, 0.2863**, and the grayscale version is **54.1238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6250, 0.3342, 0.3622**, and **26.8118, 0.3503, 0.3786** is the 20% darker color. If you saturate the color by 10%, you get **52.6272, 0.3587, 0.3900**, and if you desaturate by 10%, it is **56.9573, 0.3260, 0.3471**.

Distribution



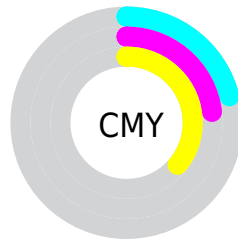
- Red (79%)
- Green (77%)
- Blue (64%)



- Red (67%)
- Yellow (79%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (21%)





- Cyan (21%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7167, 0.3420, 0.3684 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 54.7167, 0.3420, 0.3684 by changing the saturation by 10% instead.


 54.7167, 0.3420,
0.3684


 54.7167, 0.3420,
0.3684

404.8371, 0.3278,
0.3491

 39.1749, 0.3454,
0.3731


 97.1258, 0.3370,
0.3615

 26.8959, 0.3496,
0.3790


 124.7618, 0.3351,
0.3589

 17.4950, 0.3551,
0.3867


157.1982, 0.3334,
0.3566

 10.5881, 0.3625,
0.3972

194.8191, 0.3320,
0.3547

 5.7906, 0.3727,
0.4123

238.0091, 0.3308,
0.3530

 2.7181, 0.3878,
0.4352

287.1525, 0.3297,

 0.9864, 0.4646,

0.3516

0.5354

342.6337, 0.3287,
0.3503

0.0000, 0.0000,
0.0000

54.7167, 0.3420,
0.3684

54.7167, 0.3420,
0.3684

52.6272, 0.3587,
0.3900

56.9573, 0.3260,
0.3471

50.6760, 0.3757,
0.4111

59.3471, 0.3110,
0.3266

48.8593, 0.3924,
0.4310

61.8934, 0.2970,
0.3072

47.1706, 0.4081,
0.4486

64.6010, 0.2843,
0.2891

45.6024, 0.4222,
0.4629

66.8128, 0.2784,
0.2822

■ 44.1465, 0.4340,
0.4732

■ 68.4169, 0.2787,
0.2857

■ 42.7931, 0.4431,
0.4789

■ 70.0524, 0.2789,
0.2893

■ 41.5265, 0.4496,
0.4806

■ 71.7196, 0.2791,
0.2928

■ 41.3774, 0.4503,
0.4807

■ 73.4186, 0.2794,
0.2963

Harmonies

Analogous

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



54.7167, 0.3553, 0.3588



54.7167, 0.3420, 0.3684



54.7167, 0.3210, 0.3671

Triad

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



54.7167, 0.3420, 0.3684



54.7167, 0.2704, 0.3134



54.7167, 0.3262, 0.3055

Complementary

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



54.7167, 0.3420, 0.3684



40.9040, 0.2824, 0.2863

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.



54.7167, 0.3031, 0.2941



54.7167, 0.3420, 0.3684



54.7167, 0.2716, 0.2979

Square

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



54.7167, 0.3420, 0.3684



54.7167, 0.2801, 0.3342



54.7167, 0.2834, 0.2912



54.7167, 0.3462, 0.3227

Rectangle

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



54.7167, 0.3420, 0.3684



54.7167, 0.3057, 0.3597



54.7167, 0.2834, 0.2912



54.7167, 0.3185, 0.3009

Sweetspot

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



54.7191, 0.3420, 0.3684



97.5267, 0.3218, 0.3414



42.0263, 0.3432, 0.3211



20.8184, 0.3228, 0.3428



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.



54.7191, 0.3420, 0.3684



91.0330, 0.3495, 0.3781



55.7754, 0.3304, 0.3769



12.7842, 0.3269, 0.3484



26.7382, 0.4498, 0.4810



1.4623, 0.4429, 0.4865

Inverse Universe

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



40.9040, 0.2824, 0.2863



62.9436, 0.2743, 0.2745



40.1288, 0.2926, 0.2796



11.1244, 0.2982, 0.3089



3.4866, 0.1540, 0.0742



0.2722, 0.1627, 0.1056

Previews

White Background



This preview shows how the Yxy color 54.7167, 0.3420, 0.3684 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 54.7167, 0.3420, 0.3684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

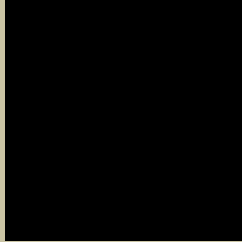
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

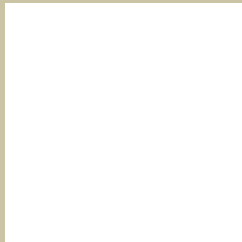
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7167, 0.3420, 0.3684

Background



This preview shows how black text looks on a background with the Yxy color 54.7167, 0.3420, 0.3684.



This preview shows how white text looks on a background with the Yxy color 54.7167, 0.3420, 0.3684.

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

54.7167, 0.3420, 0.3684

Protanopia

54.7964, 0.3464, 0.3680

Deuteranopia

54.7272, 0.3623, 0.3546



Tritanopia

54.5001, 0.3152, 0.3114

Trichromacy



Original Color

54.7167, 0.3420, 0.3684

Protanomaly

54.6537, 0.3456, 0.3682

Deuteranomaly

54.7299, 0.3553, 0.3599

Tritanomaly

54.3961, 0.3249, 0.3314

Monochromacy



Original Color

54.7167, 0.3420, 0.3684

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.3194, 0.3233, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7167, 0.3420, 0.3684 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(202, 196, 164)` looks like.

```
.text, #text, p{  
    color:rgb(202, 196, 164)  
}
```

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(202, 196, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 196, 164) }
```

Border

The CSS property to change the border of an element to Yxy 54.7167, 0.3420, 0.3684 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(202, 196, 164) }
```

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

```
.border{ border-color:rgb(202, 196, 164) }
```

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

Here you see how a box with a 4 pixel rgb(202, 196, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 196, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 196, 164);  
box-shadow:4px 4px 4px 4px rgb(202, 196,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7167, 0.3420, 0.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 196, 164) }
```

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

```
.background{ background-color: rgb(202,  
196, 164) }
```

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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