

Converting Colors

$Yxy(54.5518, 0.3508, 0.4201)$

Have a look what the booklet for
Yxy(54.5518, 0.3508, 0.4201)
contains.

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Color

Yxy(54.7897, 0.3512, 0.4210)

Conversions

Conversions Part 1

Format	Color
Hex	BACB83
RGB	186, 203, 131
RGB Percent	73%, 80%, 51%
CMY	0.2705, 0.2039, 0.4862
CMYK	0.08, 0.00, 0.35, 0.20
HSL	74°, 41%, 65%
HSV	74°, 35%, 80%
XYZ	45.7058, 54.7897, 29.6463
YIQ	189.7090, 12.9800, -25.9960

Conversions

Conversions Part 2

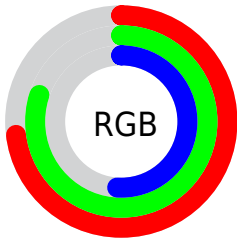
Format	Color
RYB	131, 203, 148
Decimal	12241795
CIELab	78.92, -17.41, 34.03
CIELCh	79, 38.223, 117.101
Yxy	54.7897, 0.3512, 0.4210
Android (android.graphics.Color)	4290431875 (0xFFBACB83)
YUV	189.7090, -28.9435, -3.2528
Hunter-Lab	74.0201, -19.3152, 28.0674

Details

The Yxy color **54.7897, 0.3512, 0.4210** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.8471, 0.2637, 0.2275**, and the grayscale version is **51.4837, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0775, 0.3462, 0.3998**, and **26.9796, 0.3598, 0.4471** is the 20% darker color. If you saturate the color by 10%, you get **53.7043, 0.3608, 0.4473**, and if you desaturate by 10%, it is **56.0079, 0.3407, 0.3942**.

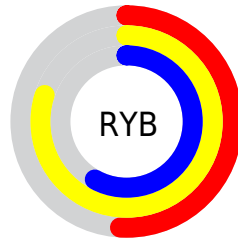
Distribution



Red (73%)

Green (80%)

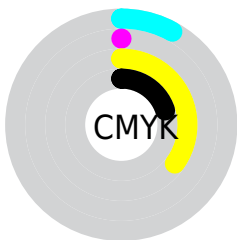
Blue (51%)



Red (51%)

Yellow (80%)

Blue (58%)

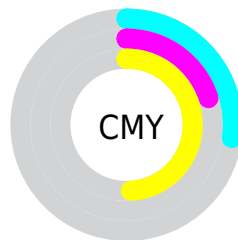


Cyan (8%)

Magenta (0%)

Yellow (35%)

Black (20%)



Cyan (27%)

Magenta (20%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7897, 0.3512, 0.4210 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 54.7897, 0.3512, 0.4210 by changing the saturation by 10% instead.


 54.7897, 0.3512,
0.4210


 54.7897, 0.3512,
0.4210


405.1143, 0.3337,
0.3751

 39.2334, 0.3549,
0.4322


 97.2328, 0.3453,
0.4045

 26.9413, 0.3593,
0.4464


 124.8883, 0.3429,
0.3982

 17.5292, 0.3644,
0.4649


 157.3457, 0.3409,
0.3929

 10.6125, 0.3701,
0.4897

194.9893, 0.3391,
0.3883

 5.8069, 0.3754,
0.5240

238.2036, 0.3375,
0.3844

 2.7280, 0.3966,
0.6034

287.3729, 0.3361,

 0.9914, 0.3412,

0.3809

0.6588

342.8817, 0.3348,
0.3779

0.0000, 0.0000,
0.0000

54.7897, 0.3512,
0.4210

54.7897, 0.3512,
0.4210

53.7043, 0.3608,
0.4473

56.0079, 0.3407,
0.3942

52.7380, 0.3689,
0.4720

57.3577, 0.3297,
0.3677

51.8859, 0.3751,
0.4940


58.8470, 0.3187,
0.3423


51.1400, 0.3789,
0.5122


60.4811, 0.3079,
0.3183

50.4909, 0.3801,
0.5259

62.2649, 0.2975,
0.2961


 49.9274, 0.3789,
0.5350

 64.2032, 0.2878,
0.2757

 49.6897, 0.3779,
0.5382

 65.0776, 0.2897,
0.2741

 65.8339, 0.2931,
0.2747

 66.6117, 0.2965,
0.2752

Harmonies

Analogous

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



54.7897, 0.3927, 0.4074



54.7897, 0.3512, 0.4210



54.7897, 0.3013, 0.4051

Triad

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



54.7897, 0.3512, 0.4210



54.7897, 0.2211, 0.2720



54.7897, 0.3686, 0.2967

Complementary

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



54.7897, 0.3512, 0.4210



26.8471, 0.2637, 0.2275

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.



54.7897, 0.3179, 0.2667



54.7897, 0.3512, 0.4210



54.7897, 0.2355, 0.2513

Square

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



54.7897, 0.3512, 0.4210



54.7897, 0.2284, 0.3118



54.7897, 0.2695, 0.2502



54.7897, 0.4047, 0.3350

Rectangle

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



54.7897, 0.3512, 0.4210



54.7897, 0.2703, 0.3786



54.7897, 0.2695, 0.2502



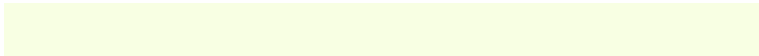
54.7897, 0.3524, 0.2855

Sweetspot

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



54.7921, 0.3512, 0.4210



97.0893, 0.3249, 0.3566



35.4583, 0.3890, 0.3511



20.7087, 0.3264, 0.3601



0.0000, 0.0000, 0.0000



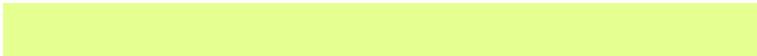
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7921, 0.3512, 0.4210



90.2532, 0.3591, 0.4424



50.8560, 0.3220, 0.4302



12.9581, 0.3230, 0.3521



31.6655, 0.3785, 0.5377



1.6667, 0.3868, 0.5310

Inverse Universe

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



26.8471, 0.2637, 0.2275



36.2615, 0.2496, 0.2008



30.7168, 0.2977, 0.2368



10.9697, 0.3018, 0.3053



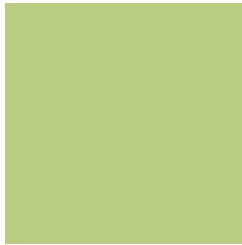
3.1776, 0.1637, 0.0675



0.1998, 0.1841, 0.0788

Previews

White Background



This preview shows how the Yxy color 54.7897, 0.3512, 0.4210 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 54.7897, 0.3512, 0.4210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

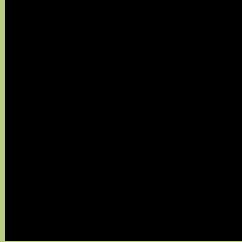
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7897, 0.3512, 0.4210

Background



This preview shows how black text looks on a background with the Yxy color 54.7897, 0.3512, 0.4210.



This preview shows how white text looks on a background with the Yxy color 54.7897, 0.3512, 0.4210.

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

54.7897, 0.3512, 0.4210

Protanopia

54.5858, 0.3789, 0.4091

Deuteranopia

54.6136, 0.3957, 0.3876



Tritanopia

54.4791, 0.3033, 0.3098

Trichromacy



Original Color

54.7897, 0.3512, 0.4210

Protanomaly

54.6697, 0.3690, 0.4135

Deuteranomaly

54.4601, 0.3787, 0.3990

Tritanomaly

54.4752, 0.3206, 0.3489

Monochromacy



Original Color

54.7897, 0.3512, 0.4210

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.7136, 0.3274, 0.3621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7897, 0.3512, 0.4210 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(186, 203, 131)` looks like.

```
.text, #text, p{  
    color:rgb(186, 203, 131)  
}
```

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(186, 203, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 203, 131) }
```

Border

The CSS property to change the border of an element to Yxy 54.7897, 0.3512, 0.4210 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(186, 203, 131) }
```

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

```
.border{ border-color:rgb(186, 203, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 203, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 203, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 203, 131);  
box-shadow:4px 4px 4px 4px rgb(186, 203,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7897, 0.3512, 0.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 203, 131) }
```

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

```
.background{ background-color: rgb(186,  
203, 131) }
```

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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