

Converting Colors

$Yxy(54.8777, 0.3486, 0.3483)$

Have a look what the booklet for
Yxy(54.8777, 0.3486, 0.3483)
contains.

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Color

Yxy(54.7883, 0.3490, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	DABEAE
RGB	218, 190, 174
RGB Percent	85%, 75%, 68%
CMY	0.1452, 0.2548, 0.3176
CMYK	0.00, 0.13, 0.20, 0.15
HSL	22°, 37%, 77%
HSV	22°, 20%, 85%
XYZ	54.9615, 54.7883, 47.7331
YIQ	196.5480, 21.8240, 0.9600

Conversions

Conversions Part 2

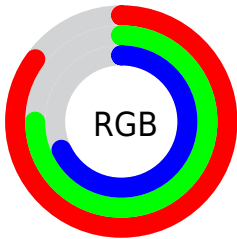
Format	Color
RYB	218, 199, 174
Decimal	14335662
CIELab	78.92, 7.42, 11.72
CIELCh	79, 13.875, 57.648
Yxy	54.7883, 0.3490, 0.3479
Android (android.graphics.Color)	4292525742 (0xFFDABEAE)
YUV	196.5480, -11.1162, 18.8134
Hunter-Lab	74.0191, 3.0084, 13.5788

Details

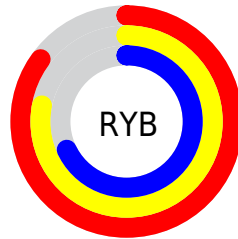
The Yxy color **54.7883, 0.3490, 0.3479** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.2915, 0.2815, 0.3093**, and the grayscale version is **55.6069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8287, 0.3289, 0.3457**, and **27.0830, 0.3587, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **48.2845, 0.3717, 0.3579**, and if you desaturate by 10%, it is **62.0064, 0.3295, 0.3382**.

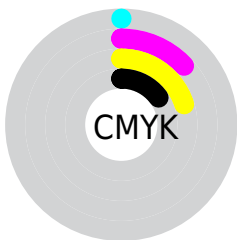
Distribution



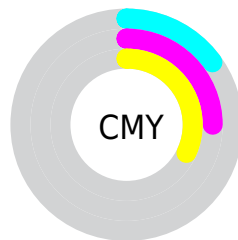
- Red (85%)
- Green (75%)
- Blue (68%)



- Red (85%)
- Yellow (78%)
- Blue (68%)



- Cyan (0%)
- Magenta (13%)
- Yellow (20%)
- Black (15%)





- Cyan (15%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7883, 0.3490, 0.3479 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 54.7883, 0.3490, 0.3479 by changing the saturation by 10% instead.


 54.7883, 0.3490,
0.3479

 54.7883, 0.3490,
0.3479


405.1089, 0.3312,
0.3389

 39.2323, 0.3533,
0.3500


 97.2307, 0.3426,
0.3448

 26.9405, 0.3588,
0.3526


124.8859, 0.3402,
0.3435

 17.5285, 0.3660,
0.3559

157.3429, 0.3382,
0.3425

 10.6120, 0.3757,
0.3603

194.9861, 0.3364,
0.3416

 5.8066, 0.3898,
0.3664

238.1999, 0.3349,
0.3408

 2.7278, 0.4118,
0.3750

287.3687, 0.3335,

 0.9913, 0.4801,

0.3401

0.4133

342.8769, 0.3323,
0.3395

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.7883, 0.3490,
0.3479

54.7883, 0.3490,
0.3479

48.2845, 0.3717,
0.3579

62.0064, 0.3295,
0.3382

42.4651, 0.3979,
0.3678

69.9528, 0.3130,
0.3291

37.3087, 0.4275,
0.3771

78.6505, 0.2989,
0.3207

32.7902, 0.4600,
0.3846

87.7127, 0.2902,
0.3192

■ 28.8824, 0.4941,
0.3893

■ 93.6407, 0.2906,
0.3289

■ 25.5559, 0.5275,
0.3898

■ 22.7783, 0.5574,
0.3853

■ 20.5391, 0.5815,
0.3765

Harmonies

Analogous

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



54.7883, 0.3458, 0.3329



54.7883, 0.3490, 0.3479



54.7883, 0.3422, 0.3585

Triad

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



54.7883, 0.3490, 0.3479



54.7883, 0.2921, 0.3408



54.7883, 0.2974, 0.2986

Complementary

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



54.7883, 0.3490, 0.3479



56.2915, 0.2815, 0.3093

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.



54.7883, 0.2837, 0.2997



54.7883, 0.3490, 0.3479



54.7883, 0.2807, 0.3236

Square

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



54.7883, 0.3490, 0.3479



54.7883, 0.3091, 0.3548



54.7883, 0.2777, 0.3087



54.7883, 0.3156, 0.3050

Rectangle

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



54.7883, 0.3490, 0.3479



54.7883, 0.3330, 0.3614



54.7883, 0.2777, 0.3087



54.7883, 0.2922, 0.2981

Sweetspot

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



54.7908, 0.3490, 0.3479



93.0004, 0.3224, 0.3344



49.4733, 0.3277, 0.2960



19.7478, 0.3235, 0.3350



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.



54.7908, 0.3490, 0.3479



74.2943, 0.3578, 0.3519



64.7338, 0.3443, 0.3719



13.8234, 0.3282, 0.3376



12.4962, 0.5788, 0.3786



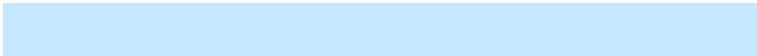
0.9703, 0.5478, 0.4032

Inverse Universe

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



56.2915, 0.2815, 0.3093



76.7873, 0.2752, 0.3049



46.9524, 0.2797, 0.2821



13.9912, 0.2982, 0.3203



14.2490, 0.1905, 0.2058



1.0849, 0.1967, 0.2282

Previews

White Background



This preview shows how the Yxy color 54.7883, 0.3490, 0.3479 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 54.7883, 0.3490, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

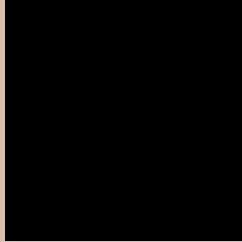
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7883, 0.3490, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 54.7883, 0.3490, 0.3479.



This preview shows how white text looks on a background with the Yxy color 54.7883, 0.3490, 0.3479.

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

54.7883, 0.3490, 0.3479

Protanopia

54.9010, 0.3329, 0.3510

Deuteranopia

54.5520, 0.3530, 0.3454



Tritanopia

54.7070, 0.3302, 0.3119

Trichromacy



Original Color

54.7883, 0.3490, 0.3479

Protanomaly

54.6844, 0.3383, 0.3495

Deuteranomaly

54.8233, 0.3519, 0.3466

Tritanomaly

54.5179, 0.3374, 0.3244

Monochromacy



Original Color

54.7883, 0.3490, 0.3479

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.2368, 0.3254, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7883, 0.3490, 0.3479 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(218, 190, 174)` looks like.

```
.text, #text, p{  
    color:rgb(218, 190, 174)  
}
```

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(218, 190, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 190, 174) }
```

Border

The CSS property to change the border of an element to Yxy 54.7883, 0.3490, 0.3479 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(218, 190, 174) }
```

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

```
.border{ border-color:rgb(218, 190, 174) }
```

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

Here you see how a box with a 4 pixel rgb(218, 190, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 190, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 190, 174);  
box-shadow:4px 4px 4px 4px rgb(218, 190,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7883, 0.3490, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 190, 174) }
```

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

```
.background{ background-color: rgb(218,  
190, 174) }
```

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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