

Converting Colors

$Yxy(54.9073, 0.3540, 0.3505)$

Have a look what the booklet for
Yxy(54.9073, 0.3540, 0.3505)
contains.

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Color

Yxy(54.7076, 0.3544, 0.3501)

Conversions

Conversions Part 1

Format	Color
Hex	DDBDAB
RGB	221, 189, 171
RGB Percent	87%, 74%, 67%
CMY	0.1331, 0.2589, 0.3294
CMYK	0.00, 0.15, 0.23, 0.13
HSL	22°, 42%, 77%
HSV	22°, 23%, 87%
XYZ	55.3795, 54.7076, 46.1757
YIQ	196.5160, 24.8500, 1.1860

Conversions

Conversions Part 2

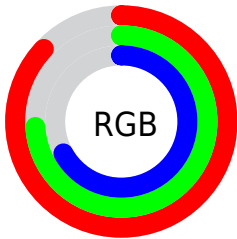
Format	Color
R _Y B	221, 199, 171
Decimal	14532011
CIE Lab	78.87, 8.68, 13.31
CIE LCh	79, 15.891, 56.896
Yxy	54.7076, 0.3544, 0.3501
Android (android.graphics.Color)	4292722091 (0xFFDDBDAB)
YUV	196.5160, -12.5794, 21.4725
Hunter-Lab	73.9646, 4.2103, 14.7608

Details

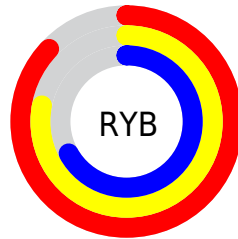
The Yxy color $54.7076, 0.3544, 0.3501$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $56.6326, 0.2776, 0.3069$, and the grayscale version is $55.5985, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.0558, 0.3309, 0.3477$, and $26.9396, 0.3649, 0.3555$ is the 20% darker color. If you saturate the color by 10%, you get $48.1371, 0.3780, 0.3600$, and if you desaturate by 10%, it is $62.0193, 0.3341, 0.3404$.

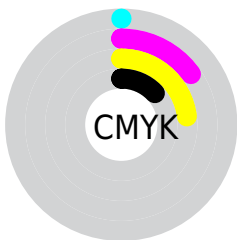
Distribution



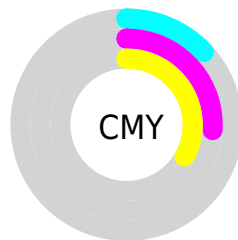
- Red (87%)
- Green (74%)
- Blue (67%)



- Red (87%)
- Yellow (78%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (13%)





- Cyan (13%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7076, 0.3544, 0.3501 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 54.7076, 0.3544, 0.3501 by changing the saturation by 10% instead.

 54.7076, 0.3544,
0.3501

 54.7076, 0.3544,
0.3501


404.8026, 0.3340,
0.3401

 39.1677, 0.3594,
0.3524


 97.1124, 0.3471,
0.3466

 26.8902, 0.3657,
0.3553


124.7461, 0.3443,
0.3453

 17.4908, 0.3739,
0.3589


157.1798, 0.3419,
0.3441

 10.5850, 0.3851,
0.3637

194.7979, 0.3399,
0.3431

 5.7885, 0.4012,
0.3701

237.9849, 0.3381,
0.3422

 2.7169, 0.4263,
0.3790

287.1250, 0.3366,

 0.9858, 0.5127,

0.3415

0.4271

342.6028, 0.3352,
0.3408

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.7076, 0.3544,
0.3501

54.7076, 0.3544,
0.3501

48.1371, 0.3780,
0.3600

62.0193, 0.3341,
0.3404

42.2763, 0.4052,
0.3697

70.0877, 0.3168,
0.3313

37.1025, 0.4359,
0.3785

78.9368, 0.3021,
0.3228

32.5885, 0.4692,
0.3854

88.2986, 0.2921,
0.3194

■ 28.7053, 0.5036,
0.3890

■ 94.1202, 0.2923,
0.3289

■ 25.4213, 0.5366,
0.3882

■ 22.7012, 0.5653,
0.3823

■ 21.0288, 0.5829,
0.3753

Harmonies

Analogous

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



54.7076, 0.3504, 0.3329



54.7076, 0.3544, 0.3501



54.7076, 0.3468, 0.3626

Triad

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



54.7076, 0.3544, 0.3501



54.7076, 0.2895, 0.3430



54.7076, 0.2947, 0.2942

Complementary

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



54.7076, 0.3544, 0.3501



56.6326, 0.2776, 0.3069

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.



54.7076, 0.2793, 0.2957



54.7076, 0.3544, 0.3501



54.7076, 0.2764, 0.3232

Square

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



54.7076, 0.3544, 0.3501



54.7076, 0.3090, 0.3590



54.7076, 0.2727, 0.3060



54.7076, 0.3154, 0.3014

Rectangle

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



54.7076, 0.3544, 0.3501



54.7076, 0.3364, 0.3661



54.7076, 0.2727, 0.3060



54.7076, 0.2887, 0.2937

Sweetspot

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



54.7101, 0.3544, 0.3501



91.8206, 0.3241, 0.3353



48.8492, 0.3299, 0.2917



19.5078, 0.3252, 0.3358



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.



54.7101, 0.3544, 0.3501



71.3395, 0.3648, 0.3546



66.1845, 0.3485, 0.3774



13.8131, 0.3283, 0.3375



12.4054, 0.5801, 0.3776



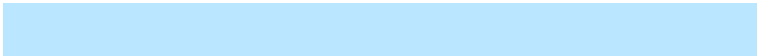
0.9636, 0.5489, 0.4023

Inverse Universe

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



56.6326, 0.2776, 0.3069



74.4231, 0.2705, 0.3018



45.9311, 0.2752, 0.2755



14.0019, 0.2982, 0.3204



14.4282, 0.1910, 0.2075



1.0957, 0.1971, 0.2296

Previews

White Background



This preview shows how the Yxy color 54.7076, 0.3544, 0.3501 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 54.7076, 0.3544, 0.3501 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 54.7076, 0.3544, 0.3501

Background



This preview shows how black text looks on a background with the Yxy color 54.7076, 0.3544, 0.3501.



This preview shows how white text looks on a background with the Yxy color 54.7076, 0.3544, 0.3501.

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

54.7076, 0.3544, 0.3501

Protanopia

54.9236, 0.3361, 0.3546

Deuteranopia

54.5947, 0.3564, 0.3489



Tritanopia

54.6687, 0.3345, 0.3132

Trichromacy



Original Color

54.7076, 0.3544, 0.3501

Protanomaly

54.8587, 0.3424, 0.3531

Deuteranomaly

54.4363, 0.3555, 0.3489

Tritanomaly

54.4799, 0.3418, 0.3256

Monochromacy



Original Color

54.7076, 0.3544, 0.3501

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.3362, 0.3270, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7076, 0.3544, 0.3501 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(221, 189, 171)` looks like.

```
.text, #text, p{  
    color:rgb(221, 189, 171)  
}
```

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(221, 189, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 189, 171) }
```

Border

The CSS property to change the border of an element to Yxy 54.7076, 0.3544, 0.3501 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(221, 189, 171) }
```

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

```
.border{ border-color:rgb(221, 189, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 189, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 189, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 189, 171); box-shadow:4px 4px 4px 4px rgb(221, 189, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7076, 0.3544, 0.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 189, 171) }
```

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

```
.background{ background-color: rgb(221,  
189, 171) }
```

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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