

# Converting Colors

Yxy(54.1957, 0.3553, 0.3518)

Have a look what the booklet for  
Yxy(54.1957, 0.3553, 0.3518)  
contains.

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# Color

**Yxy(54.0467, 0.3554, 0.3514)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCBCA9
RGB	220, 188, 169
RGB Percent	86%, 74%, 66%
CMY	0.1372, 0.2627, 0.3372
CMYK	0.00, 0.15, 0.23, 0.14
HSL	22°, 42%, 76%
HSV	22°, 23%, 86%
XYZ	54.6619, 54.0467, 45.0953
YIQ	195.4020, 25.1710, 0.8750

# Conversions

## Conversions Part 2

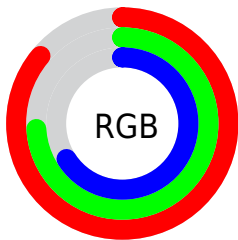
Format	Color
R <sub>Y</sub> B	220, 199, 169
Decimal	14466217
CIE Lab	78.49, 8.52, 13.83
CIE LCh	78, 16.246, 58.365
Yxy	54.0467, 0.3554, 0.3514
Android (android.graphics.Color)	4292656297 (0xFFDCBCA9)
YUV	195.4020, -13.0162, 21.5724
Hunter-Lab	73.5165, 4.0668, 15.0928

# Details

The Yxy color  $54.0467, 0.3554, 0.3514$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $55.3868, 0.2767, 0.3055$ , and the grayscale version is  $54.8956, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $91.3432, 0.3323, 0.3487$ , and  $26.5048, 0.3664, 0.3572$  is the 20% darker color. If you saturate the color by 10%, you get  $47.6707, 0.3790, 0.3617$ , and if you desaturate by 10%, it is  $61.1312, 0.3351, 0.3414$ .

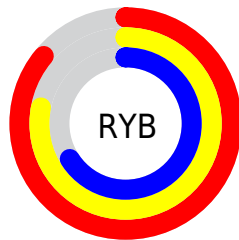
# Distribution



Red (86%)

Green (74%)

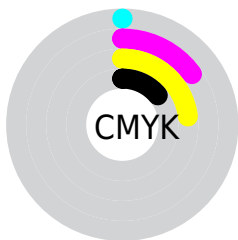
Blue (66%)



Red (86%)

Yellow (78%)

Blue (66%)

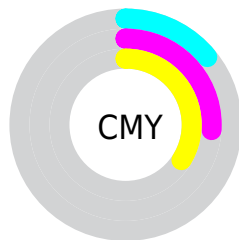


Cyan (0%)

Magenta (15%)

Yellow (23%)

Black (14%)



Cyan (14%)

Magenta (26%)


Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0467, 0.3554, 0.3514 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 54.0467, 0.3554, 0.3514 by changing the saturation by 10% instead.





 54.0467, 0.3554,  
0.3514

 54.0467, 0.3554,  
0.3514


402.2881, 0.3344,  
0.3408

 38.6390, 0.3605,  
0.3539

 96.1428, 0.3479,  
0.3477

 26.4790, 0.3670,  
0.3569


123.6000, 0.3450,  
0.3463

 17.1823, 0.3755,  
0.3608


155.8425, 0.3426,  
0.3450

 10.3646, 0.3870,  
0.3659

193.2547, 0.3405,  
0.3440

 5.6413, 0.4037,  
0.3728

236.2209, 0.3387,  
0.3430

 2.6282, 0.4295,  
0.3823

285.1256, 0.3371,

 0.9409, 0.5310,

0.3422

0.4426

340.3532, 0.3357,  
0.3415

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.0467, 0.3554,  
0.3514

54.0467, 0.3554,  
0.3514

47.6707, 0.3790,  
0.3617

61.1312, 0.3351,  
0.3414

41.9730, 0.4061,  
0.3717

68.9384, 0.3177,  
0.3319

36.9321, 0.4364,  
0.3807

77.4914, 0.3029,  
0.3230

32.5224, 0.4693,  
0.3878

86.6792, 0.2914,  
0.3169

■ 28.7164, 0.5030,  
0.3915

■ 93.9563, 0.2917,  
0.3289

■ 25.4841, 0.5353,  
0.3907

■ 22.7918, 0.5632,  
0.3846

■ 21.2387, 0.5793,  
0.3782

# Harmonies

## Analogous

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



54.0467, 0.3519, 0.3338



54.0467, 0.3554, 0.3514



54.0467, 0.3470, 0.3639

# Triad

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



54.0467, 0.3554, 0.3514



54.0467, 0.2880, 0.3424



54.0467, 0.2951, 0.2935

# Complementary

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



54.0467, 0.3554, 0.3514



55.3868, 0.2767, 0.3055

# 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.



54.0467, 0.2790, 0.2945



54.0467, 0.3554, 0.3514



54.0467, 0.2750, 0.3221

# Square

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



54.0467, 0.3554, 0.3514



54.0467, 0.3078, 0.3592



54.0467, 0.2718, 0.3047



54.0467, 0.3165, 0.3013



# Rectangle

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



54.0467, 0.3554, 0.3514



54.0467, 0.3360, 0.3672



54.0467, 0.2718, 0.3047



54.0467, 0.2890, 0.2928

# Sweetspot

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



54.0492, 0.3554, 0.3514



91.9622, 0.3241, 0.3355



47.8305, 0.3311, 0.2918



19.5405, 0.3251, 0.3361



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.



54.0492, 0.3554, 0.3514



70.8890, 0.3669, 0.3566



65.7737, 0.3492, 0.3794



13.8418, 0.3282, 0.3378



12.6609, 0.5765, 0.3804



0.9822, 0.5458, 0.4049

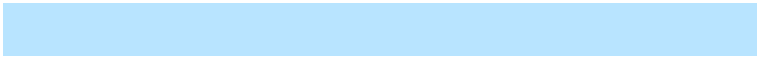


# Inverse Universe

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



55.3868, 0.2767, 0.3055



73.0759, 0.2689, 0.2996



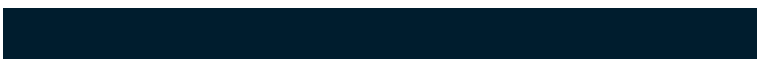
44.5831, 0.2742, 0.2730



13.9722, 0.2982, 0.3201



13.9345, 0.1897, 0.2028



1.0659, 0.1960, 0.2257



# Previews

## White Background



This preview shows how the Yxy color 54.0467, 0.3554, 0.3514 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

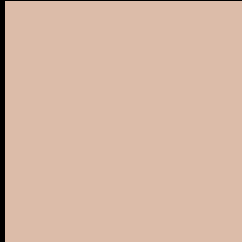
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.0467, 0.3554, 0.3514 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

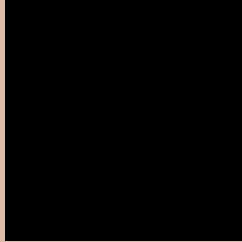
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 54.0467, 0.3554, 0.3514**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.0467, 0.3554, 0.3514.



This preview shows how white text looks on a background with the Yxy color 54.0467, 0.3554, 0.3514.

# 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

54.0467, 0.3554, 0.3514

### Protanopia

54.2586, 0.3370, 0.3560

### Deuteranopia

53.9348, 0.3574, 0.3501



## Tritanopia

54.0462, 0.3346, 0.3131

# Trichromacy



## Original Color

54.0467, 0.3554, 0.3514

## Protanomaly

54.1949, 0.3433, 0.3544

## Deuteranomaly

53.7774, 0.3565, 0.3502

## Tritanomaly

53.8154, 0.3427, 0.3268

# Monochromacy



## Original Color

54.0467, 0.3554, 0.3514

## Achromatopsia

54.5724, 0.3127, 0.3290

## Achromatomaly

54.0818, 0.3272, 0.3363

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.0467, 0.3554, 0.3514 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(220, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(220, 188, 169)  
}
```

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(220, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 188, 169) }
```

## Border

The CSS property to change the border of an element to Yxy 54.0467, 0.3554, 0.3514 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(220, 188, 169) }
```

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

```
.border{ border-color:rgb(220, 188, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 188, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 188, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 188, 169);  
box-shadow:4px 4px 4px 4px rgb(220, 188,  
169) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.0467, 0.3554, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 188, 169) }
```

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

```
.background{ background-color: rgb(220,  
188, 169) }
```

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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