

# Converting Colors

$Yxy(54.1281, 0.3331, 0.3288)$

Have a look what the booklet for  
Yxy(54.1281, 0.3331, 0.3288)  
contains.

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# Color

**Yxy(54.2154, 0.3328, 0.3291)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5BDBD
RGB	213, 189, 189
RGB Percent	84%, 74%, 74%
CMY	0.1646, 0.2588, 0.2590
CMYK	0.00, 0.11, 0.11, 0.16
HSL	0°, 22%, 79%
HSV	0°, 11%, 84%
XYZ	54.8249, 54.2154, 55.6980
YIQ	196.1760, 14.3040, 5.0880

# Conversions

## Conversions Part 2

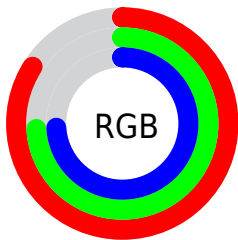
Format	Color
RYB	213, 189, 189
Decimal	14007741
CIELab	78.59, 8.51, 3.13
CIElCh	79, 9.068, 20.188
Yxy	54.2154, 0.3328, 0.3291
Android (android.graphics.Color)	4292197821 (0xFFD5BDBD)
YUV	196.1760, -3.5378, 14.7546
Hunter-Lab	73.6311, 4.0547, 6.6920

# Details

The Yxy color  $54.2154, 0.3328, 0.3291$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $63.2009, 0.2955, 0.3289$ , and the grayscale version is  $55.3296, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $93.1574, 0.3192, 0.3290$ , and  $26.6550, 0.3376, 0.3291$  is the 20% darker color. If you saturate the color by 10%, you get  $44.8704, 0.3554, 0.3292$ , and if you desaturate by 10%, it is  $65.0430, 0.3148, 0.3290$ .

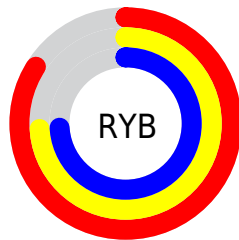
# Distribution



Red (84%)

Green (74%)

Blue (74%)



Red (84%)

Yellow (74%)

Blue (74%)

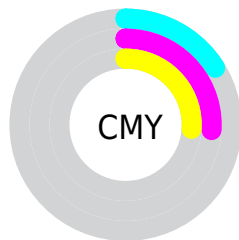


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (16%)



Cyan (16%)

Magenta (26%)


Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2154, 0.3328, 0.3291 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 54.2154, 0.3328, 0.3291 by changing the saturation by 10% instead.





 54.2154, 0.3328,  
0.3291

 54.2154, 0.3328,  
0.3291


402.9309, 0.3230,  
0.3291

 38.7739, 0.3352,  
0.3291

 96.3904, 0.3293,  
0.3291

 26.5839, 0.3382,  
0.3290


123.8928, 0.3279,  
0.3291

 17.2610, 0.3422,  
0.3290


156.1842, 0.3268,  
0.3291

 10.4207, 0.3477,  
0.3288

193.6490, 0.3258,  
0.3291

 5.6788, 0.3556,  
0.3286

236.6717, 0.3250,  
0.3291

 2.6508, 0.3682,  
0.3280

285.6366, 0.3242,

 0.9523, 0.3922,

0.3291

340.9282, 0.3236,  
0.3291

0.3273

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.2154, 0.3328,  
0.3291

54.2154, 0.3328,  
0.3291

44.8704, 0.3554,  
0.3292

65.0430, 0.3148,  
0.3290

36.9366, 0.3835,  
0.3293

77.4060, 0.3003,  
0.3289

30.3477, 0.4181,  
0.3295

91.3638, 0.2888,  
0.3289

25.0291, 0.4593,  
0.3296

92.8895, 0.2877,  
0.3289

■ 20.8992, 0.5058,  
0.3298

■ 17.8667, 0.5537,  
0.3299

■ 15.8270, 0.5961,  
0.3300

■ 14.6555, 0.6258,  
0.3300

■ 14.1566, 0.6400,  
0.3300

# Harmonies

## Analogous

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



54.2154, 0.3236, 0.3190



54.2154, 0.3328, 0.3291



54.2154, 0.3365, 0.3393

# Triad

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



54.2154, 0.3328, 0.3291



54.2154, 0.3135, 0.3473



54.2154, 0.2921, 0.3108

# Complementary

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



54.2154, 0.3328, 0.3291



63.2009, 0.2955, 0.3289

# 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.



54.2154, 0.2895, 0.3180



54.2154, 0.3328, 0.3291



54.2154, 0.3017, 0.3393

# Square

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



54.2154, 0.3328, 0.3291



54.2154, 0.3252, 0.3502



54.2154, 0.2930, 0.3284



54.2154, 0.3001, 0.3086



# Rectangle

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



54.2154, 0.3328, 0.3291



54.2154, 0.3353, 0.3450



54.2154, 0.2930, 0.3284



54.2154, 0.2905, 0.3127

# Sweetspot

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



54.2178, 0.3328, 0.3291



94.7400, 0.3176, 0.3290



55.3346, 0.3140, 0.3014



19.9850, 0.3190, 0.3290



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.



54.2178, 0.3328, 0.3291



77.2386, 0.3387, 0.3291



59.5924, 0.3311, 0.3431



12.4238, 0.3291, 0.3291



8.6468, 0.6400, 0.3301



0.5226, 0.6396, 0.3304

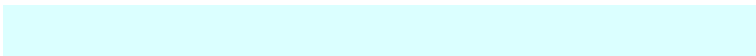


# Inverse Universe

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



63.2009, 0.2955, 0.3289



93.8117, 0.2913, 0.3289



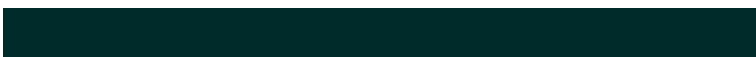
57.3898, 0.2953, 0.3145



14.1045, 0.2983, 0.3289



31.9049, 0.2245, 0.3283



1.9254, 0.2246, 0.3284



# Previews

## White Background



This preview shows how the Yxy color 54.2154, 0.3328, 0.3291 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

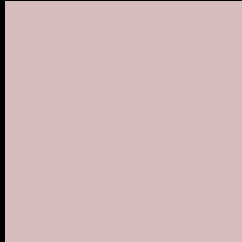
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.2154, 0.3328, 0.3291 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

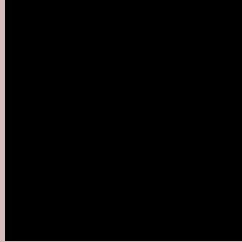
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 54.2154, 0.3328, 0.3291**

## Background



This preview shows how black text looks on a background with the Yxy color 54.2154, 0.3328, 0.3291.



This preview shows how white text looks on a background with the Yxy color 54.2154, 0.3328, 0.3291.

# 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

54.2154, 0.3328, 0.3291

### Protanopia

54.5315, 0.3182, 0.3314

### Deuteranopia

54.0876, 0.3346, 0.3279



## Tritanopia

54.2520, 0.3243, 0.3116

# Trichromacy



## Original Color

54.2154, 0.3328, 0.3291

## Protanomaly

54.2982, 0.3233, 0.3302

## Deuteranomaly

53.9367, 0.3337, 0.3279

## Tritanomaly

54.2938, 0.3273, 0.3185

# Monochromacy



## Original Color

54.2154, 0.3328, 0.3291

## Achromatopsia

55.2011, 0.3127, 0.3290

## Achromatomaly

54.5467, 0.3200, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.2154, 0.3328, 0.3291 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(213, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(213, 189, 189)  
}
```

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(213, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 189, 189) }
```

## Border

The CSS property to change the border of an element to Yxy 54.2154, 0.3328, 0.3291 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(213, 189, 189) }
```

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

```
.border{ border-color:rgb(213, 189, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 189, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 189, 189);  
box-shadow:4px 4px 4px 4px rgb(213, 189,  
189) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.2154, 0.3328, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 189, 189) }
```

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

```
.background{ background-color: rgb(213,  
189, 189) }
```

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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