

# Converting Colors

Yxy(53.2120, 0.3542, 0.3522)

Have a look what the booklet for  
Yxy(53.2120, 0.3542, 0.3522)  
contains.

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# Color

**Yxy(53.1195, 0.3539, 0.3517)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9BBA8
RGB	217, 187, 168
RGB Percent	85%, 73%, 66%
CMY	0.1490, 0.2666, 0.3413
CMYK	0.00, 0.14, 0.23, 0.15
HSL	23°, 39%, 75%
HSV	23°, 23%, 85%
XYZ	53.4518, 53.1195, 44.4651
YIQ	193.8040, 23.9790, 0.4510

# Conversions

## Conversions Part 2

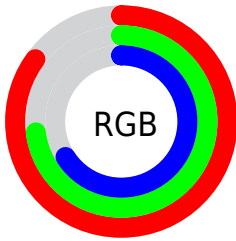
Format	Color
R <sub>Y</sub> B	217, 199, 168
Decimal	14269352
CIE Lab	77.95, 7.77, 13.59
CIE LCh	78, 15.658, 60.239
Yxy	53.1195, 0.3539, 0.3517
Android (android.graphics.Color)	4292459432 (0xFFD9BBA8)
YUV	193.8040, -12.7214, 20.3429
Hunter-Lab	72.8831, 3.3647, 14.8461

# Details

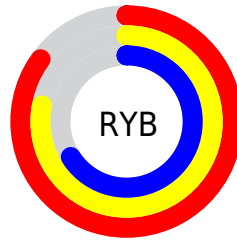
The Yxy color  $53.1195, 0.3539, 0.3517$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $53.7034, 0.2776, 0.3051$ , and the grayscale version is  $53.8931, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $90.6889, 0.3330, 0.3487$ , and  $25.9925, 0.3655, 0.3575$  is the 20% darker color. If you saturate the color by 10%, you get  $47.0047, 0.3771, 0.3624$ , and if you desaturate by 10%, it is  $59.8948, 0.3339, 0.3413$ .

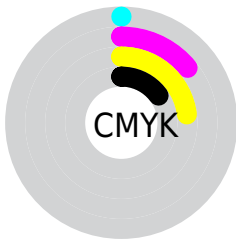
# Distribution



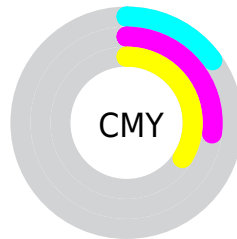
- Red (85%)
- Green (73%)
- Blue (66%)



- Red (85%)
- Yellow (78%)
- Blue (66%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (15%)




- Cyan (15%)
- Magenta (27%)
- Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1195, 0.3539, 0.3517 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 53.1195, 0.3539, 0.3517 by changing the saturation by 10% instead.





 53.1195, 0.3539,  
0.3517

 53.1195, 0.3539,  
0.3517


398.7434, 0.3336,  
0.3409

 37.8982, 0.3589,  
0.3542


 94.7802, 0.3466,  
0.3479

 25.9037, 0.3651,  
0.3574


 121.9883, 0.3439,  
0.3464

 16.7516, 0.3734,  
0.3614


153.9609, 0.3415,  
0.3452

 10.0575, 0.3847,  
0.3667

191.0822, 0.3395,  
0.3441

 5.4371, 0.4010,  
0.3740

233.7368, 0.3377,  
0.3431

 2.5060, 0.4265,  
0.3842

282.3089, 0.3362,

 0.8796, 0.5396,

0.3423

0.4566

337.1830, 0.3348,  
0.3416

0.0000, 0.0000,  
0.0000

53.1195, 0.3539,  
0.3517

53.1195, 0.3539,  
0.3517

47.0047, 0.3771,  
0.3624

59.8948, 0.3339,  
0.3413

41.5224, 0.4035,  
0.3728

67.3430, 0.3167,  
0.3315

36.6532, 0.4331,  
0.3824

75.4855, 0.3021,  
0.3223

32.3736, 0.4652,  
0.3899

84.3403, 0.2896,  
0.3138

28.6586, 0.4981,  
0.3942

92.4638, 0.2899,  
0.3273

■ 25.4810, 0.5298,  
0.3940

■ 93.4924, 0.2900,  
0.3289

■ 22.8102, 0.5574,  
0.3886

■ 21.1328, 0.5747,  
0.3819

# Harmonies

## Analogous

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



53.1195, 0.3512, 0.3349



53.1195, 0.3539, 0.3517



53.1195, 0.3451, 0.3633

# Triad

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



53.1195, 0.3539, 0.3517



53.1195, 0.2878, 0.3408



53.1195, 0.2969, 0.2948

# Complementary

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



53.1195, 0.3539, 0.3517



53.7034, 0.2776, 0.3051

# 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.



53.1195, 0.2808, 0.2952



53.1195, 0.3539, 0.3517



53.1195, 0.2756, 0.3211

# Square

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



53.1195, 0.3539, 0.3517



53.1195, 0.3067, 0.3575



53.1195, 0.2731, 0.3046



53.1195, 0.3178, 0.3028



# Rectangle

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



53.1195, 0.3539, 0.3517



53.1195, 0.3342, 0.3661



53.1195, 0.2731, 0.3046



53.1195, 0.2908, 0.2940

# Sweetspot

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



53.1219, 0.3539, 0.3517



92.1331, 0.3241, 0.3358



46.8324, 0.3313, 0.2937



19.5800, 0.3251, 0.3364



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.



53.1219, 0.3539, 0.3517



72.3408, 0.3643, 0.3567



64.3077, 0.3480, 0.3790



13.8765, 0.3282, 0.3381



12.9831, 0.5721, 0.3839



1.0054, 0.5419, 0.4079

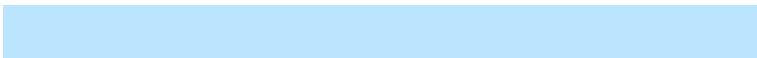


# Inverse Universe

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



53.7034, 0.2776, 0.3051



73.3121, 0.2703, 0.2996



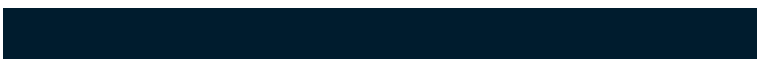
43.4831, 0.2752, 0.2735



13.9364, 0.2982, 0.3197



13.3560, 0.1881, 0.1972



1.0307, 0.1947, 0.2210



# Previews

## White Background



This preview shows how the Yxy color 53.1195, 0.3539, 0.3517 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 53.1195, 0.3539, 0.3517 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

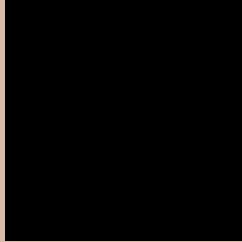
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.1195, 0.3539, 0.3517**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.1195, 0.3539, 0.3517.



This preview shows how white text looks on a background with the Yxy color 53.1195, 0.3539, 0.3517.

# 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

53.1195, 0.3539, 0.3517

### Protanopia

53.0571, 0.3365, 0.3550

### Deuteranopia

53.1606, 0.3568, 0.3503



## Tritanopia

53.2703, 0.3339, 0.3130

# Trichromacy



## Original Color

53.1195, 0.3539, 0.3517

## Protanomaly

52.9946, 0.3428, 0.3534

## Deuteranomaly

53.0050, 0.3559, 0.3504

## Tritanomaly

53.0418, 0.3420, 0.3268

# Monochromacy



## Original Color

53.1195, 0.3539, 0.3517

## Achromatopsia

53.9479, 0.3127, 0.3290

## Achromatomaly

53.3209, 0.3264, 0.3363

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.1195, 0.3539, 0.3517 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(217, 187, 168)` looks like.

```
.text, #text, p{  
    color:rgb(217, 187, 168)  
}
```

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(217, 187, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 187, 168) }
```

## Border

The CSS property to change the border of an element to Yxy 53.1195, 0.3539, 0.3517 is called "border". The border property can be set on classes, ids or directly on the HTML element.

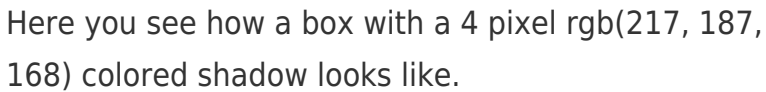
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 187, 168) }
```

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

```
.border{ border-color:rgb(217, 187, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 187, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 187, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 187, 168);  
box-shadow:4px 4px 4px 4px rgb(217, 187,  
168) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.1195, 0.3539, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 187, 168) }
```

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

```
.background{ background-color: rgb(217,  
187, 168) }
```

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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