

# Converting Colors

Yxy(53.4512, 0.3372, 0.3436)

Have a look what the booklet for  
Yxy(53.4512, 0.3372, 0.3436)  
contains.

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# Color

**Yxy(53.4512, 0.3372, 0.3436)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0BEB2
RGB	208, 190, 178
RGB Percent	82%, 75%, 70%
CMY	0.1844, 0.2548, 0.3021
CMYK	0.00, 0.09, 0.14, 0.18
HSL	24°, 24%, 76%
HSV	24°, 14%, 82%
XYZ	52.4556, 53.4512, 49.6555
YIQ	194.0140, 14.5800, 0.0840

# Conversions

## Conversions Part 2

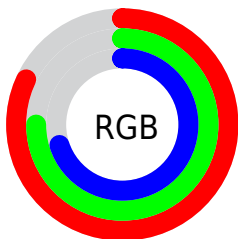
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	208, 198, 178
Decimal	13680306
CIE Lab	78.14, 4.35, 8.37
CIE LCh	78, 9.430, 62.523
Yxy	53.4512, 0.3372, 0.3436
Android (android.graphics.Color)	4291870386 (0xFFD0BEB2)
YUV	194.0140, -7.8949, 12.2657
Hunter-Lab	73.1103, 0.1281, 10.9083

# Details

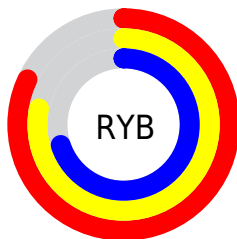
The Yxy color **53.4512, 0.3372, 0.3436** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4672, 0.2904, 0.3139**, and the grayscale version is **53.9977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1120, 0.3258, 0.3407**, and **26.1443, 0.3437, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **47.5143, 0.3576, 0.3544**, and if you desaturate by 10%, it is **59.9804, 0.3197, 0.3333**.

# Distribution



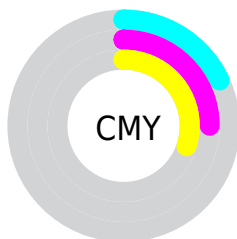
- Red (82%)
- Green (75%)
- Blue (70%)



- Red (82%)
- Yellow (78%)
- Blue (70%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (18%)




- Cyan (18%)
- Magenta (25%)
- Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.4512, 0.3372, 0.3436 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 53.4512, 0.3372, 0.3436 by changing the saturation by 10% instead.





 53.4512, 0.3372,  
0.3436

 53.4512, 0.3372,  
0.3436


400.0138, 0.3252,  
0.3366

 38.1631, 0.3401,  
0.3453


 95.2680, 0.3329,  
0.3411

 26.1093, 0.3439,  
0.3474


122.5654, 0.3312,  
0.3401

 16.9054, 0.3488,  
0.3501


154.6348, 0.3299,  
0.3393

 10.1671, 0.3555,  
0.3538

191.8604, 0.3287,  
0.3386

 5.5099, 0.3652,  
0.3591

234.6267, 0.3276,  
0.3380

 2.5494, 0.3807,  
0.3670

283.3181, 0.3267,

 0.9013, 0.4274,

0.3375

0.3977

338.3190, 0.3259,  
0.3370

0.0000, 0.0000,  
0.0000

53.4512, 0.3372,  
0.3436

53.4512, 0.3372,  
0.3436

47.5143, 0.3576,  
0.3544

59.9804, 0.3197,  
0.3333

42.1454, 0.3810,  
0.3654

67.1112, 0.3046,  
0.3237

37.3289, 0.4077,  
0.3761

74.8617, 0.2918,  
0.3149

33.0457, 0.4373,  
0.3856

82.8435, 0.2840,  
0.3130

29.2755, 0.4689,  
0.3930

90.4213, 0.2848,  
0.3261

■ 25.9962, 0.5011,  
0.3969

■ 92.1475, 0.2849,  
0.3289

■ 23.1841, 0.5316,  
0.3962

■ 20.8123, 0.5578,  
0.3901

■ 19.6647, 0.5706,  
0.3851

# Harmonies

## Analogous

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



53.4512, 0.3361, 0.3336



53.4512, 0.3372, 0.3436



53.4512, 0.3316, 0.3499

# Triad

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



53.4512, 0.3372, 0.3436



53.4512, 0.2969, 0.3352



53.4512, 0.3042, 0.3083

# Complementary

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



53.4512, 0.3372, 0.3436



53.4672, 0.2904, 0.3139

# 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.



53.4512, 0.2940, 0.3084



53.4512, 0.3372, 0.3436



53.4512, 0.2899, 0.3236

# Square

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



53.4512, 0.3372, 0.3436



53.4512, 0.3083, 0.3452



53.4512, 0.2888, 0.3138



53.4512, 0.3168, 0.3136



# Rectangle

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



53.4512, 0.3372, 0.3436



53.4512, 0.3249, 0.3511



53.4512, 0.2888, 0.3138



53.4512, 0.3004, 0.3077

# Sweetspot

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



53.4536, 0.3372, 0.3436



95.5257, 0.3190, 0.3330



49.2209, 0.3241, 0.3075



20.2701, 0.3203, 0.3337



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

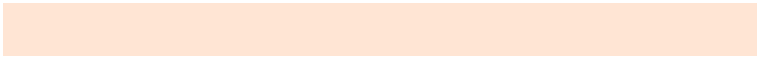


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.4536, 0.3372, 0.3436



82.0597, 0.3425, 0.3465



60.2746, 0.3347, 0.3611



12.5758, 0.3281, 0.3384



12.4362, 0.5681, 0.3871



0.8490, 0.5347, 0.4137

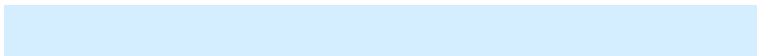


# Inverse Universe

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



53.4672, 0.2904, 0.3139



82.0840, 0.2861, 0.3108



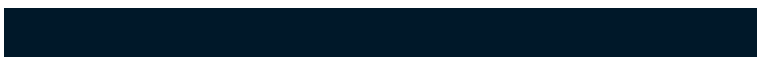
47.0509, 0.2898, 0.2948



12.5779, 0.2983, 0.3194



12.0999, 0.1869, 0.1929



0.8297, 0.1946, 0.2205



# Previews

## White Background



This preview shows how the Yxy color 53.4512, 0.3372, 0.3436 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

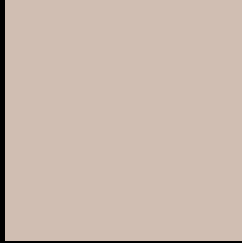
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.4512, 0.3372, 0.3436 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

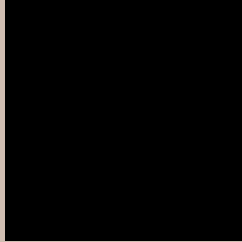
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.4512, 0.3372, 0.3436**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.4512, 0.3372, 0.3436.



This preview shows how white text looks on a background with the Yxy color 53.4512, 0.3372, 0.3436.

# 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

53.4512, 0.3372, 0.3436

### Protanopia

53.6740, 0.3292, 0.3462

### Deuteranopia

53.5470, 0.3447, 0.3385



## Tritanopia

53.6066, 0.3218, 0.3126

# Trichromacy



## Original Color

53.4512, 0.3372, 0.3436

## Protanomaly

53.6505, 0.3318, 0.3449

## Deuteranomaly

53.5173, 0.3419, 0.3398

## Tritanomaly

53.5183, 0.3272, 0.3231

# Monochromacy



## Original Color

53.4512, 0.3372, 0.3436

## Achromatopsia

53.9479, 0.3127, 0.3290

## Achromatomaly

53.9129, 0.3214, 0.3351

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.4512, 0.3372, 0.3436 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(208, 190, 178)` looks like.

```
.text, #text, p{  
    color:rgb(208, 190, 178)  
}
```

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(208, 190, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 190, 178) }
```

## Border

The CSS property to change the border of an element to Yxy 53.4512, 0.3372, 0.3436 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(208, 190, 178) }
```

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

```
.border{ border-color:rgb(208, 190, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 190, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 190, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 190, 178);  
box-shadow:4px 4px 4px 4px rgb(208, 190,  
178) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.4512, 0.3372, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 190, 178) }
```

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

```
.background{ background-color: rgb(208,  
190, 178) }
```

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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