

# Converting Colors

Yxy(54.8282, 0.3164, 0.3246)

Have a look what the booklet for  
Yxy(54.8282, 0.3164, 0.3246)  
contains.

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# Color

**Yxy(54.5887, 0.3162, 0.3242)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9C1C5
RGB	201, 193, 197
RGB Percent	79%, 76%, 77%
CMY	0.2116, 0.2432, 0.2275
CMYK	0.00, 0.04, 0.02, 0.21
HSL	330°, 7%, 77%
HSV	330°, 4%, 79%
XYZ	53.2417, 54.5887, 60.5493
YIQ	195.8480, 3.4840, 2.9400

# Conversions

## Conversions Part 2

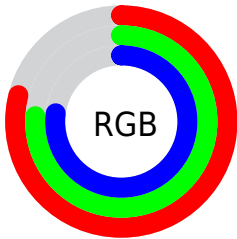
Format	Color
R <sub>Y</sub> B	201, 193, 197
Decimal	13222341
CIE Lab	78.80, 3.53, -1.01
CIE LCh	79, 3.674, 343.999
Yxy	54.5887, 0.3162, 0.3242
Android (android.graphics.Color)	4291412421 (0xFFC9C1C5)
YUV	195.8480, 0.5679, 4.5183
Hunter-Lab	73.8842, -0.6684, 3.1297

# Details

The Yxy color `54.5887, 0.3162, 0.3242` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `57.1597, 0.3094, 0.3338`, and the grayscale version is `55.1047, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.1671, 0.3136, 0.3242`, and `26.9424, 0.3173, 0.3242` is the 20% darker color. If you saturate the color by 10%, you get `45.8510, 0.3262, 0.3117`, and if you desaturate by 10%, it is `64.5704, 0.3080, 0.3360`.

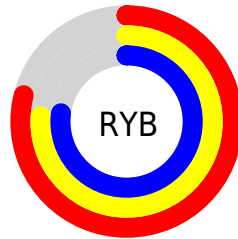
# Distribution



Red (79%)

Green (76%)

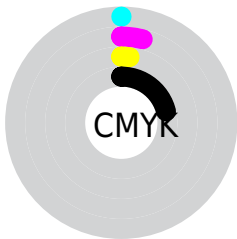
Blue (77%)



Red (79%)

Yellow (76%)

Blue (77%)

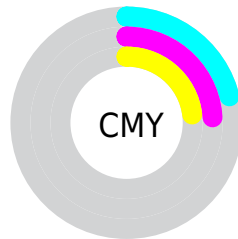


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (21%)



Cyan (21%)

Magenta (24%)

Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5887, 0.3162, 0.3242 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 54.5887, 0.3162, 0.3242 by changing the saturation by 10% instead.





 54.5887, 0.3162,  
0.3242

 54.5887, 0.3162,  
0.3242


404.3509, 0.3145,  
0.3265

 39.0725, 0.3166,  
0.3236


 96.9381, 0.3156,  
0.3250

 26.8161, 0.3171,  
0.3229


124.5401, 0.3154,  
0.3254

 17.4352, 0.3178,  
0.3220


156.9394, 0.3152,  
0.3256

 10.5453, 0.3187,  
0.3207

194.5206, 0.3150,  
0.3259

 5.7620, 0.3200,  
0.3189

237.6679, 0.3149,  
0.3261

 2.7009, 0.3221,  
0.3160

286.7658, 0.3147,

 0.9776, 0.3258,

0.3262

0.3110

342.1987, 0.3146,  
0.3264

0.0000, 0.0000,  
0.0000

54.5887, 0.3162,  
0.3242

54.5887, 0.3162,  
0.3242

45.8510, 0.3262,  
0.3117

64.5704, 0.3080,  
0.3360

38.3011, 0.3381,  
0.2986

75.8352, 0.3012,  
0.3469

31.8892, 0.3524,  
0.2853

88.4294, 0.2956,  
0.3569

26.5590, 0.3693,  
0.2724

90.0813, 0.2902,  
0.3476

22.2495, 0.3888,  
0.2606

90.6902, 0.2849,  
0.3368

■ 18.8934, 0.4108,  
0.2511

■ 91.1625, 0.2811,  
0.3289

■ 16.4155, 0.4347,  
0.2450

■ 14.7289, 0.4595,  
0.2436

■ 13.7284, 0.4840,  
0.2476

# Harmonies

## Analogous

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



54.5887, 0.3113, 0.3215



54.5887, 0.3162, 0.3242



54.5887, 0.3202, 0.3282

# Triad

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



54.5887, 0.3162, 0.3242



54.5887, 0.3186, 0.3374



54.5887, 0.3034, 0.3254

# Complementary

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



54.5887, 0.3162, 0.3242



57.1597, 0.3094, 0.3338

# 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.



54.5887, 0.3053, 0.3298



54.5887, 0.3162, 0.3242



54.5887, 0.3141, 0.3367

# Square

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



54.5887, 0.3162, 0.3242



54.5887, 0.3216, 0.3359



54.5887, 0.3092, 0.3339



54.5887, 0.3039, 0.3221



# Rectangle

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



54.5887, 0.3162, 0.3242



54.5887, 0.3218, 0.3311



54.5887, 0.3092, 0.3339



54.5887, 0.3037, 0.3268

# Sweetspot

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



54.5911, 0.3162, 0.3242



98.3015, 0.3136, 0.3278



54.2288, 0.3100, 0.3193



21.0585, 0.3135, 0.3279



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.



54.5911, 0.3162, 0.3242



91.7272, 0.3172, 0.3229



54.4101, 0.3192, 0.3290



11.4447, 0.3177, 0.3222



8.4042, 0.4951, 0.2501



0.4126, 0.4493, 0.2248



# Inverse Universe

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



54.5911, 0.3162, 0.3242



91.7272, 0.3172, 0.3229



57.3456, 0.3065, 0.3290



11.4447, 0.3177, 0.3222



8.4042, 0.4951, 0.2501

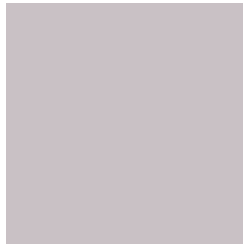


0.4126, 0.4493, 0.2248



# Previews

## White Background



This preview shows how the Yxy color 54.5887, 0.3162, 0.3242 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

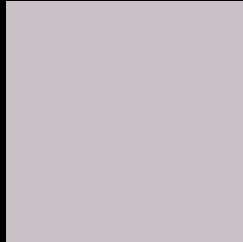
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.5887, 0.3162, 0.3242 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

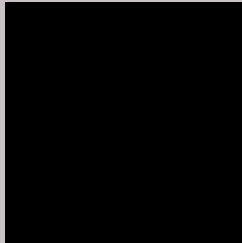
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

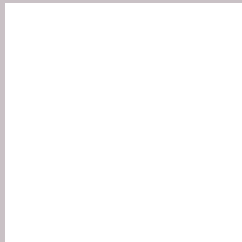
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 54.5887, 0.3162, 0.3242**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.5887, 0.3162, 0.3242.

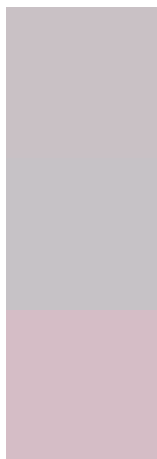


This preview shows how white text looks on a background with the Yxy color 54.5887, 0.3162, 0.3242.

# 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

54.5887, 0.3162, 0.3242

### Protanopia

54.6666, 0.3129, 0.3242

### Deuteranopia

54.6185, 0.3256, 0.3185



## Tritanopia

54.3232, 0.3096, 0.3100

# Trichromacy



## Original Color

54.5887, 0.3162, 0.3242

## Protanomaly

54.8029, 0.3137, 0.3242

## Deuteranomaly

54.4594, 0.3222, 0.3196

## Tritanomaly

54.5676, 0.3125, 0.3159

# Monochromacy



## Original Color

54.5887, 0.3162, 0.3242

## Achromatopsia

55.2011, 0.3127, 0.3290

## Achromatomaly

55.0215, 0.3144, 0.3278

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.5887, 0.3162, 0.3242 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(201, 193, 197)` looks like.

```
.text, #text, p{  
    color:rgb(201, 193, 197)  
}
```

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(201, 193, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 193, 197) }
```

## Border

The CSS property to change the border of an element to Yxy 54.5887, 0.3162, 0.3242 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(201, 193, 197) }
```

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

```
.border{ border-color:rgb(201, 193, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 193, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 193, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 193, 197);  
box-shadow:4px 4px 4px 4px rgb(201, 193,  
197) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.5887, 0.3162, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 193, 197) }
```

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

```
.background{ background-color: rgb(201,  
193, 197) }
```

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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