

# Converting Colors

Yxy(54.9636, 0.3124, 0.3472)

Have a look what the booklet for  
Yxy(54.9636, 0.3124, 0.3472)  
contains.

<b>Yxy(54.7887, 0.3127, 0.3466)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(54.7887, 0.3127, 0.3466)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAC7B9
RGB	186, 199, 185
RGB Percent	73%, 78%, 73%
CMY	0.2705, 0.2196, 0.2746
CMYK	0.07, 0.00, 0.07, 0.22
HSL	116°, 11%, 75%
HSV	116°, 7%, 78%
XYZ	49.4300, 54.7887, 53.8561
YIQ	193.5170, -3.2540, -7.1100

# Conversions

## Conversions Part 2

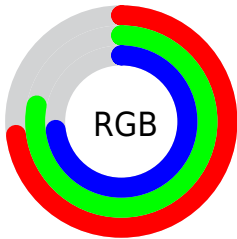
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 199, 198
Decimal	12240825
CIELab	78.92, -7.05, 5.49
CIELCh	79, 8.931, 142.107
Yxy	54.7887, 0.3127, 0.3466
Android (android.graphics.Color)	4290430905 (0xFFBAC7B9)
YUV	193.5170, -4.1989, -6.5924
Hunter-Lab	74.0194, -10.3321, 8.6745

# Details

The Yxy color  $54.7887, 0.3127, 0.3466$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $50.8142, 0.3127, 0.3119$ , and the grayscale version is  $53.6766, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $96.7481, 0.3127, 0.3428$ , and  $26.9033, 0.3127, 0.3511$  is the 20% darker color. If you saturate the color by 10%, you get  $51.8466, 0.3125, 0.3744$ , and if you desaturate by 10%, it is  $58.1510, 0.3127, 0.3221$ .

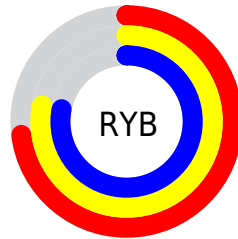
# Distribution



Red (73%)

Green (78%)

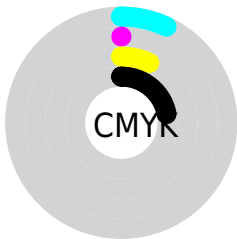
Blue (73%)



Red (73%)

Yellow (78%)

Blue (78%)

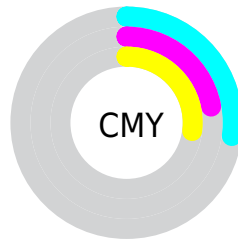


Cyan (7%)

Magenta (0%)

Yellow (7%)

Black (22%)



Cyan (27%)

Magenta (22%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7887, 0.3127, 0.3466 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 54.7887, 0.3127, 0.3466 by changing the saturation by 10% instead.




 54.7887, 0.3127,  
0.3466

 54.7887, 0.3127,  
0.3466

405.1105, 0.3128,  
0.3379

 39.2326, 0.3127,  
0.3487


 97.2313, 0.3127,  
0.3435

 26.9407, 0.3126,  
0.3514


124.8866, 0.3127,  
0.3423

 17.5287, 0.3126,  
0.3550


157.3437, 0.3127,  
0.3413

 10.6122, 0.3124,  
0.3599

194.9870, 0.3128,  
0.3404

 5.8067, 0.3122,  
0.3671

238.2009, 0.3128,  
0.3397

 2.7279, 0.3117,  
0.3787

287.3699, 0.3128,

 0.9914, 0.3129,

0.3390


0.4047


342.8783, 0.3128,  
0.3385


 0.0000, 0.0000,  
0.0000

 54.7887, 0.3127,  
0.3466


 54.7887, 0.3127,  
0.3466

 51.8466, 0.3125,  
0.3744


 58.1510, 0.3127,  
0.3221

 49.3015, 0.3121,  
0.4053

 61.9417, 0.3126,  
0.3007

 47.1385, 0.3115,  
0.4388

 66.1777, 0.3124,  
0.2823

 45.3392, 0.3105,  
0.4738

 69.3286, 0.3153,  
0.2742

 43.8834, 0.3091,  
0.5084

■ 42.7493, 0.3074,  
0.5402

■ 41.9124, 0.3055,  
0.5667

■ 41.3446, 0.3036,  
0.5857

■ 41.0113, 0.3018,  
0.5965

# Harmonies

## Analogous

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



54.7887, 0.3243, 0.3498



54.7887, 0.3127, 0.3466



54.7887, 0.3013, 0.3384

# Triad

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



54.7887, 0.3127, 0.3466



54.7887, 0.2928, 0.3108



54.7887, 0.3328, 0.3298

# Complementary

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



54.7887, 0.3127, 0.3466



50.8142, 0.3127, 0.3119

# 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.



54.7887, 0.3241, 0.3198



54.7887, 0.3127, 0.3466



54.7887, 0.3010, 0.3090

# Square

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



54.7887, 0.3127, 0.3466



54.7887, 0.2899, 0.3176



54.7887, 0.3124, 0.3123



54.7887, 0.3361, 0.3397



# Rectangle

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



54.7887, 0.3127, 0.3466



54.7887, 0.2952, 0.3314



54.7887, 0.3124, 0.3123



54.7887, 0.3304, 0.3263

# Sweetspot

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



54.7910, 0.3127, 0.3466



98.7908, 0.3127, 0.3339



55.9573, 0.3232, 0.3447



21.1580, 0.3127, 0.3337



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

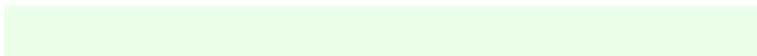


# Same Dimension

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



54.7910, 0.3127, 0.3466



95.3456, 0.3127, 0.3494



54.9140, 0.3077, 0.3392



11.9246, 0.3127, 0.3528



26.3438, 0.3018, 0.5985



1.2606, 0.3082, 0.5935



# Inverse Universe

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



50.8142, 0.3127, 0.3119



87.3839, 0.3126, 0.3093



50.6888, 0.3181, 0.3190



10.7753, 0.3126, 0.3062



9.2476, 0.3027, 0.1441



0.4500, 0.3067, 0.1463



# Previews

## White Background



This preview shows how the Yxy color 54.7887, 0.3127, 0.3466 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 54.7887, 0.3127, 0.3466 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

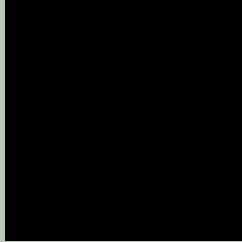
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

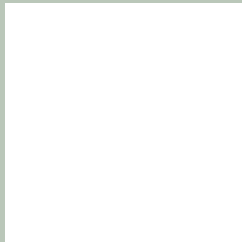
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 54.7887, 0.3127, 0.3466**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.7887, 0.3127, 0.3466.

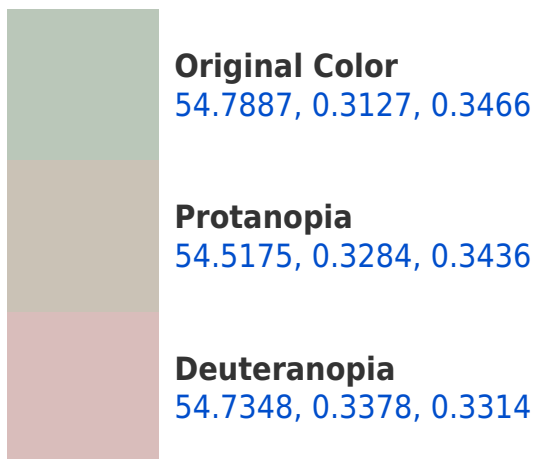


This preview shows how white text looks on a background with the Yxy color 54.7887, 0.3127, 0.3466.

# 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





## Tritanopia

54.6805, 0.2973, 0.3096

# Trichromacy



## Original Color

54.7887, 0.3127, 0.3466

## Protanomaly

54.6345, 0.3224, 0.3450

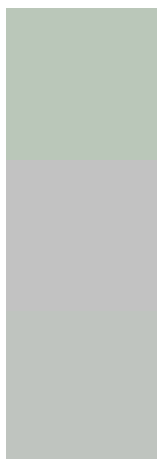
## Deuteranomaly

54.8069, 0.3287, 0.3375

## Tritanomaly

54.5629, 0.3029, 0.3216

# Monochromacy



## Original Color

54.7887, 0.3127, 0.3466

## Achromatopsia

53.9479, 0.3127, 0.3290

## Achromatomaly

54.3178, 0.3124, 0.3352

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.7887, 0.3127, 0.3466 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(186, 199, 185)` looks like.

```
.text, #text, p{  
    color:rgb(186, 199, 185)  
}
```

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(186, 199, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 199, 185) }
```

## Border

The CSS property to change the border of an element to Yxy 54.7887, 0.3127, 0.3466 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(186, 199, 185) }
```

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

```
.border{ border-color:rgb(186, 199, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 199, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 199, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 199, 185);  
box-shadow:4px 4px 4px 4px rgb(186, 199,  
185) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.7887, 0.3127, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 199, 185) }
```

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

```
.background{ background-color: rgb(186,  
199, 185) }
```

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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