

Converting Colors

$Yxy(54.2173, 0.3167, 0.3463)$

Have a look what the booklet for
Yxy(54.2173, 0.3167, 0.3463)
contains.

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Color

Yxy(54.1702, 0.3167, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	BDC5B7
RGB	189, 197, 183
RGB Percent	74%, 77%, 72%
CMY	0.2586, 0.2275, 0.2823
CMYK	0.04, 0.00, 0.07, 0.23
HSL	94°, 11%, 75%
HSV	94°, 7%, 77%
XYZ	49.5114, 54.1702, 52.6537
YIQ	193.0120, -0.2740, -6.0500

Conversions

Conversions Part 2

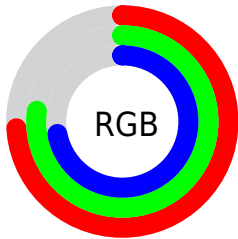
Format	Color
RYB	183, 197, 191
Decimal	12436919
CIELab	78.56, -5.28, 6.05
CIElCh	79, 8.033, 131.108
Yxy	54.1702, 0.3167, 0.3465
Android (android.graphics.Color)	4290626999 (0xFFBDC5B7)
YUV	193.0120, -4.9359, -3.5185
Hunter-Lab	73.6004, -8.7228, 9.1042

Details

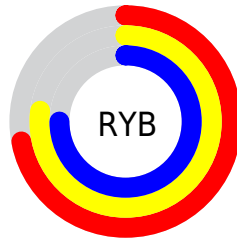
The Yxy color **54.1702, 0.3167, 0.3465** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.9732, 0.3085, 0.3116**, and the grayscale version is **53.3719, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5281, 0.3158, 0.3437**, and **26.4909, 0.3181, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **52.0331, 0.3222, 0.3732**, and if you desaturate by 10%, it is **56.5370, 0.3111, 0.3222**.

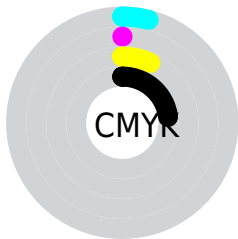
Distribution



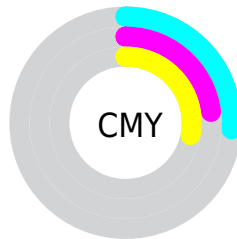
- Red (74%)
- Green (77%)
- Blue (72%)



- Red (72%)
- Yellow (77%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)





- Cyan (26%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1702, 0.3167, 0.3465 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 54.1702, 0.3167, 0.3465 by changing the saturation by 10% instead.


 54.1702, 0.3167,
0.3465

 54.1702, 0.3167,
0.3465


402.7587, 0.3148,
0.3379

 38.7378, 0.3171,
0.3486

 96.3241, 0.3160,
0.3434

 26.5558, 0.3177,
0.3513

123.8143, 0.3158,
0.3422

 17.2399, 0.3184,
0.3549


156.0926, 0.3156,
0.3412

 10.4057, 0.3194,
0.3597

193.5434, 0.3154,
0.3404

 5.6687, 0.3208,
0.3669

236.5510, 0.3152,
0.3396

 2.6447, 0.3228,
0.3784

285.4998, 0.3150,

 0.9492, 0.3313,

0.3390

0.4074

340.7742, 0.3149,
0.3384

0.0000, 0.0000,
0.0000

54.1702, 0.3167,
0.3465

54.1702, 0.3167,
0.3465

52.0331, 0.3222,
0.3732

56.5370, 0.3111,
0.3222

50.1115, 0.3275,
0.4018

59.1334, 0.3056,
0.3002

48.4001, 0.3322,
0.4320

61.9682, 0.3003,
0.2806

46.8907, 0.3359,
0.4627

64.6012, 0.2998,
0.2694

45.5747, 0.3382,
0.4927

66.5511, 0.3079,
0.2709

■ 44.4426, 0.3388,
0.5204

■ 68.4067, 0.3154,
0.2722

■ 43.4839, 0.3375,
0.5441

■ 42.6867, 0.3341,
0.5625

■ 42.0357, 0.3291,
0.5750

Harmonies

Analogous

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



54.1702, 0.3265, 0.3475



54.1702, 0.3167, 0.3465



54.1702, 0.3060, 0.3406

Triad

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



54.1702, 0.3167, 0.3465



54.1702, 0.2931, 0.3144



54.1702, 0.3285, 0.3263

Complementary

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



54.1702, 0.3167, 0.3465



48.9732, 0.3085, 0.3116

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.



54.1702, 0.3193, 0.3178



54.1702, 0.3167, 0.3465



54.1702, 0.2989, 0.3110

Square

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



54.1702, 0.3167, 0.3465



54.1702, 0.2925, 0.3219



54.1702, 0.3085, 0.3123



54.1702, 0.3334, 0.3356

Rectangle

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



54.1702, 0.3167, 0.3465



54.1702, 0.2997, 0.3347



54.1702, 0.3085, 0.3123



54.1702, 0.3258, 0.3233

Sweetspot

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



54.1725, 0.3167, 0.3465



99.1310, 0.3139, 0.3339



52.5205, 0.3238, 0.3388



21.2273, 0.3138, 0.3336



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.



54.1725, 0.3167, 0.3465



96.2219, 0.3178, 0.3518



53.4544, 0.3112, 0.3455



12.1084, 0.3180, 0.3524



27.5893, 0.3286, 0.5773



1.3490, 0.3454, 0.5640

Inverse Universe

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



48.9732, 0.3085, 0.3116



84.3873, 0.3072, 0.3064



49.7300, 0.3142, 0.3130



10.5795, 0.3070, 0.3057



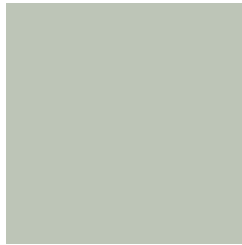
4.9588, 0.2170, 0.0969



0.2770, 0.2382, 0.1086

Previews

White Background



This preview shows how the Yxy color 54.1702, 0.3167, 0.3465 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 54.1702, 0.3167, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

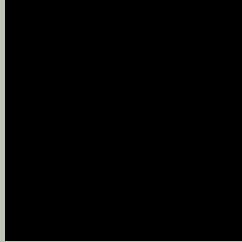
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

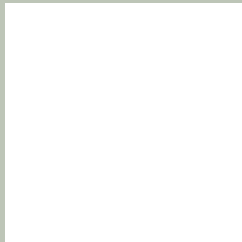
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1702, 0.3167, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 54.1702, 0.3167, 0.3465.



This preview shows how white text looks on a background with the Yxy color 54.1702, 0.3167, 0.3465.

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

54.1702, 0.3167, 0.3465

Protanopia

53.8936, 0.3284, 0.3437

Deuteranopia

54.0682, 0.3387, 0.3326



Tritanopia

54.0315, 0.3017, 0.3109

Trichromacy



Original Color

54.1702, 0.3167, 0.3465

Protanomaly

53.8313, 0.3242, 0.3438

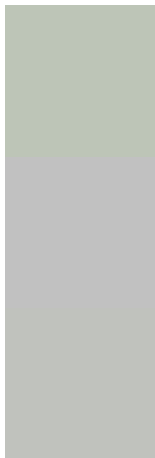
Deuteranomaly

53.8441, 0.3305, 0.3375

Tritanomaly

53.9136, 0.3074, 0.3229

Monochromacy



Original Color

54.1702, 0.3167, 0.3465

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4642, 0.3148, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1702, 0.3167, 0.3465 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(189, 197, 183)` looks like.

```
.text, #text, p{  
    color:rgb(189, 197, 183)  
}
```

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(189, 197, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 197, 183) }
```

Border

The CSS property to change the border of an element to Yxy 54.1702, 0.3167, 0.3465 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(189, 197, 183) }
```

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

```
.border{ border-color:rgb(189, 197, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 197, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 197, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 197, 183);  
box-shadow:4px 4px 4px 4px rgb(189, 197,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1702, 0.3167, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 197, 183) }
```

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

```
.background{ background-color: rgb(189,  
197, 183) }
```

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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