

Converting Colors

Yxy(54.2782, 0.3159, 0.3573)

Have a look what the booklet for
Yxy(54.2782, 0.3159, 0.3573)
contains.

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Color

Yxy(54.0885, 0.3161, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	B7C7B1
RGB	183, 199, 177
RGB Percent	72%, 78%, 69%
CMY	0.2823, 0.2196, 0.3057
CMYK	0.08, 0.00, 0.11, 0.22
HSL	104°, 16%, 74%
HSV	104°, 11%, 78%
XYZ	47.8918, 54.0885, 49.5281
YIQ	191.7080, -2.4740, -10.2340

Conversions

Conversions Part 2

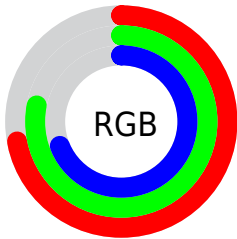
Format	Color
RYB	177, 199, 193
Decimal	12044209
CIELab	78.51, -9.51, 9.14
CIElCh	79, 13.192, 136.141
Yxy	54.0885, 0.3161, 0.3570
Android (android.graphics.Color)	4290234289 (0xFFB7C7B1)
YUV	191.7080, -7.2510, -7.6369
Hunter-Lab	73.5449, -12.4659, 11.5531

Details

The Yxy color **54.0885, 0.3161, 0.3570** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.9221, 0.3089, 0.3017**, and the grayscale version is **52.5805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7539, 0.3154, 0.3509**, and **26.4519, 0.3173, 0.3654** is the 20% darker color. If you saturate the color by 10%, you get **51.6679, 0.3190, 0.3852**, and if you desaturate by 10%, it is **56.8123, 0.3130, 0.3315**.

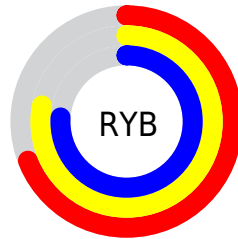
Distribution



Red (72%)

Green (78%)

Blue (69%)



Red (69%)

Yellow (78%)

Blue (76%)

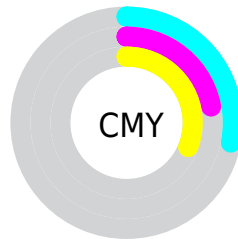


Cyan (8%)

Magenta (0%)

Yellow (11%)

Black (22%)



Cyan (28%)

Magenta (22%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0885, 0.3161, 0.3570 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 54.0885, 0.3161, 0.3570 by changing the saturation by 10% instead.


 54.0885, 0.3161,
0.3570

 54.0885, 0.3161,
0.3570


402.4474, 0.3146,
0.3431

 38.6724, 0.3164,
0.3604

 96.2042, 0.3156,
0.3520

 26.5050, 0.3168,
0.3648

123.6726, 0.3154,
0.3501

 17.2018, 0.3173,
0.3706


155.9272, 0.3152,
0.3485

 10.3785, 0.3180,
0.3787

193.3524, 0.3150,
0.3471

 5.6506, 0.3187,
0.3906

236.3326, 0.3149,
0.3459

 2.6338, 0.3195,
0.4099

285.2523, 0.3148,

 0.9437, 0.3327,

0.3449

0.4732

340.4957, 0.3147,
0.3439

0.0000, 0.0000,
0.0000

54.0885, 0.3161,
0.3570

54.0885, 0.3161,
0.3570

51.6679, 0.3190,
0.3852

56.8123, 0.3130,
0.3315

49.5331, 0.3214,
0.4158

59.8423, 0.3099,
0.3087

47.6753, 0.3233,
0.4481

63.1903, 0.3068,
0.2886

46.0826, 0.3242,
0.4809

66.7597, 0.3050,
0.2724

44.7422, 0.3240,
0.5126

69.3267, 0.3153,
0.2742

■ 43.6401, 0.3225,
0.5411

■ 42.7610, 0.3196,
0.5644

■ 42.0872, 0.3156,
0.5811

■ 41.6346, 0.3115,
0.5908

Harmonies

Analogous

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



54.0885, 0.3329, 0.3598



54.0885, 0.3161, 0.3570



54.0885, 0.2988, 0.3460

Triad

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



54.0885, 0.3161, 0.3570



54.0885, 0.2818, 0.3035



54.0885, 0.3406, 0.3269

Complementary

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



54.0885, 0.3161, 0.3570



46.9221, 0.3089, 0.3017

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.



54.0885, 0.3263, 0.3129



54.0885, 0.3161, 0.3570



54.0885, 0.2924, 0.2994

Square

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



54.0885, 0.3161, 0.3570



54.0885, 0.2793, 0.3146



54.0885, 0.3086, 0.3029



54.0885, 0.3473, 0.3419

Rectangle

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



54.0885, 0.3161, 0.3570



54.0885, 0.2892, 0.3357



54.0885, 0.3086, 0.3029



54.0885, 0.3365, 0.3220

Sweetspot

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



54.0908, 0.3161, 0.3570



98.4761, 0.3137, 0.3364



53.3588, 0.3299, 0.3485



20.9926, 0.3139, 0.3384



0.0000, 0.0000, 0.0000



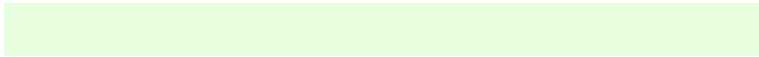
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0908, 0.3161, 0.3570



93.7528, 0.3167, 0.3629



53.5667, 0.3080, 0.3511



12.0251, 0.3156, 0.3526



26.8097, 0.3123, 0.5902



1.3063, 0.3285, 0.5773

Inverse Universe

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



46.9221, 0.3089, 0.3017



78.9725, 0.3080, 0.2962



47.5058, 0.3178, 0.3078



10.6660, 0.3095, 0.3059



6.5597, 0.2536, 0.1171



0.3450, 0.2682, 0.1251

Previews

White Background



This preview shows how the Yxy color 54.0885, 0.3161, 0.3570 looks on a white background.

Color Contrast Check

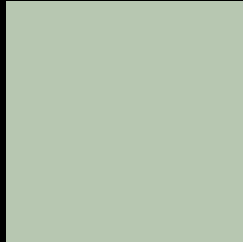
Large Text (above 18pt) WCAG AA × Fail

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 54.0885, 0.3161, 0.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

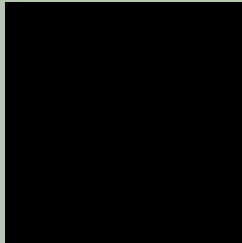
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

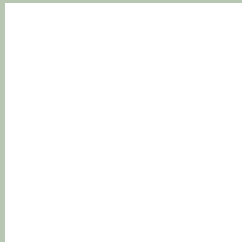
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0885, 0.3161, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 54.0885, 0.3161, 0.3570.



This preview shows how white text looks on a background with the Yxy color 54.0885, 0.3161, 0.3570.

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

54.0885, 0.3161, 0.3570

Protanopia

53.7525, 0.3348, 0.3524

Deuteranopia

53.7007, 0.3456, 0.3385



Tritanopia

53.9281, 0.2965, 0.3095

Trichromacy



Original Color

54.0885, 0.3161, 0.3570

Protanomaly

53.7275, 0.3278, 0.3540

Deuteranomaly

53.4551, 0.3345, 0.3449

Tritanomaly

53.9962, 0.3034, 0.3265

Monochromacy



Original Color

54.0885, 0.3161, 0.3570

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.4369, 0.3138, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0885, 0.3161, 0.3570 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(183, 199, 177)` looks like.

```
.text, #text, p{  
    color:rgb(183, 199, 177)  
}
```

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(183, 199, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 199, 177) }
```

Border

The CSS property to change the border of an element to Yxy 54.0885, 0.3161, 0.3570 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(183, 199, 177) }
```

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

```
.border{ border-color:rgb(183, 199, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 199, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 199, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 199, 177); box-shadow:4px 4px 4px 4px rgb(183, 199, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0885, 0.3161, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 199, 177) }
```

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

```
.background{ background-color: rgb(183,  
199, 177) }
```

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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