

Converting Colors

Yxy(54.9582, 0.3172, 0.3488)

Have a look what the booklet for
Yxy(54.9582, 0.3172, 0.3488)
contains.

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Color

Yxy(55.2129, 0.3173, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	BEC7B7
RGB	190, 199, 183
RGB Percent	75%, 78%, 72%
CMY	0.2548, 0.2196, 0.2823
CMYK	0.05, 0.00, 0.08, 0.22
HSL	94°, 12%, 75%
HSV	94°, 8%, 78%
XYZ	50.2122, 55.2129, 52.8233
YIQ	194.4850, -0.2280, -6.8840

Conversions

Conversions Part 2

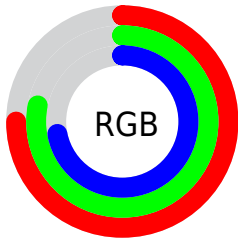
Format	Color
RYB	183, 199, 192
Decimal	12502967
CIELab	79.16, -5.99, 6.92
CIELCh	79, 9.156, 130.868
Yxy	55.2129, 0.3173, 0.3489
Android (android.graphics.Color)	4290693047 (0xFFBEC7B7)
YUV	194.4850, -5.6621, -3.9333
Hunter-Lab	74.3054, -9.4121, 9.8648

Details

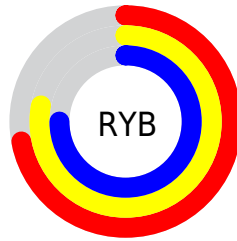
The Yxy color **55.2129, 0.3173, 0.3489** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2067, 0.3078, 0.3092**, and the grayscale version is **54.2896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3448, 0.3163, 0.3447**, and **27.1809, 0.3189, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **53.0593, 0.3229, 0.3758**, and if you desaturate by 10%, it is **57.5988, 0.3116, 0.3243**.

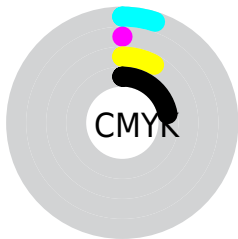
Distribution



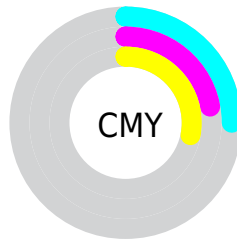
- Red (75%)
- Green (78%)
- Blue (72%)



- Red (72%)
- Yellow (78%)
- Blue (75%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)





- Cyan (25%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2129, 0.3173, 0.3489 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 55.2129, 0.3173, 0.3489 by changing the saturation by 10% instead.


 55.2129, 0.3173,
0.3489

 55.2129, 0.3173,
0.3489


406.7185, 0.3151,
0.3391

 39.5722, 0.3178,
0.3513


 97.8528, 0.3165,
0.3454

 27.2052, 0.3184,
0.3543


125.6208, 0.3162,
0.3441

 17.7274, 0.3193,
0.3583


158.2001, 0.3160,
0.3429

 10.7544, 0.3203,
0.3639

195.9749, 0.3158,
0.3420

 5.9020, 0.3218,
0.3719

239.3298, 0.3156,
0.3411

 2.7856, 0.3240,
0.3848

288.6491, 0.3154,

 1.0208, 0.3326,

0.3404

0.4151

344.3172, 0.3153,
0.3397

0.0000, 0.0000,
0.0000

55.2129, 0.3173,
0.3489

55.2129, 0.3173,
0.3489

53.0593, 0.3229,
0.3758

57.5988, 0.3116,
0.3243

51.1235, 0.3282,
0.4046

60.2169, 0.3060,
0.3022

49.4002, 0.3329,
0.4348

63.0763, 0.3006,
0.2823

47.8811, 0.3366,
0.4655

65.6824, 0.3005,
0.2717

46.5571, 0.3389,
0.4952

67.6424, 0.3086,
0.2731

■ 45.4187, 0.3394,
0.5225

■ 69.3250, 0.3153,
0.2742

■ 44.4551, 0.3379,
0.5457

■ 43.6539, 0.3344,
0.5634

■ 42.9984, 0.3293,
0.5755

Harmonies

Analogous

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



55.2129, 0.3284, 0.3499



55.2129, 0.3173, 0.3489



55.2129, 0.3052, 0.3423

Triad

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



55.2129, 0.3173, 0.3489



55.2129, 0.2905, 0.3125



55.2129, 0.3305, 0.3258

Complementary

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



55.2129, 0.3173, 0.3489



49.2067, 0.3078, 0.3092

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.



55.2129, 0.3201, 0.3163



55.2129, 0.3173, 0.3489



55.2129, 0.2970, 0.3086

Square

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



55.2129, 0.3173, 0.3489



55.2129, 0.2899, 0.3210



55.2129, 0.3078, 0.3100



55.2129, 0.3361, 0.3363

Rectangle

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



55.2129, 0.3173, 0.3489



55.2129, 0.2981, 0.3356



55.2129, 0.3078, 0.3100



55.2129, 0.3274, 0.3224

Sweetspot

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



55.2153, 0.3173, 0.3489



99.1366, 0.3139, 0.3339



53.1770, 0.3253, 0.3398



21.2284, 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.



55.2153, 0.3173, 0.3489



95.8489, 0.3185, 0.3544



54.3687, 0.3112, 0.3482



12.1115, 0.3181, 0.3524



27.6251, 0.3293, 0.5768



1.3507, 0.3460, 0.5634

Inverse Universe

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



49.2067, 0.3078, 0.3092



82.7373, 0.3064, 0.3038



50.1053, 0.3143, 0.3105



10.5764, 0.3069, 0.3057



4.9100, 0.2157, 0.0962



0.2748, 0.2371, 0.1080

Previews

White Background



This preview shows how the Yxy color 55.2129, 0.3173, 0.3489 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 55.2129, 0.3173, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

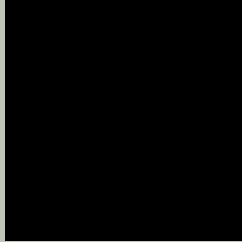
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

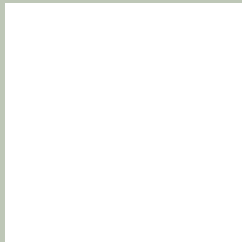
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2129, 0.3173, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 55.2129, 0.3173, 0.3489.



This preview shows how white text looks on a background with the Yxy color 55.2129, 0.3173, 0.3489.

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

55.2129, 0.3173, 0.3489

Protanopia

55.0629, 0.3298, 0.3460

Deuteranopia

54.9580, 0.3411, 0.3337



Tritanopia

55.1527, 0.3011, 0.3110

Trichromacy



Original Color

55.2129, 0.3173, 0.3489

Protanomaly

54.8630, 0.3248, 0.3462

Deuteranomaly

55.0105, 0.3319, 0.3398

Tritanomaly

54.9874, 0.3074, 0.3241

Monochromacy



Original Color

55.2129, 0.3173, 0.3489

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.5350, 0.3148, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2129, 0.3173, 0.3489 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(190, 199, 183)` looks like.

```
.text, #text, p{  
    color:rgb(190, 199, 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(190, 199, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 199, 183) }
```

Border

The CSS property to change the border of an element to Yxy 55.2129, 0.3173, 0.3489 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(190, 199, 183) }
```

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

```
.border{ border-color:rgb(190, 199, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 199, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 199, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 199, 183);  
box-shadow:4px 4px 4px 4px rgb(190, 199,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2129, 0.3173, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 199, 183) }
```

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

```
.background{ background-color: rgb(190,  
199, 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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