

Converting Colors

Yxy(55.8038, 0.3180, 0.3501)

Have a look what the booklet for
Yxy(55.8038, 0.3180, 0.3501)
contains.

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Color

Yxy(55.8038, 0.3180, 0.3501)

Conversions

Conversions Part 1

Format	Color
Hex	BFC8B7
RGB	191, 200, 183
RGB Percent	75%, 78%, 72%
CMY	0.2510, 0.2157, 0.2823
CMYK	0.05, 0.00, 0.08, 0.22
HSL	92°, 13%, 75%
HSV	92°, 8%, 78%
XYZ	50.6873, 55.8038, 52.9028
YIQ	195.3710, 0.0930, -7.1950

Conversions

Conversions Part 2

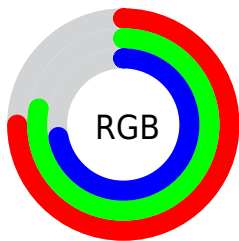
Format	Color
RYB	183, 200, 192
Decimal	12568759
CIELab	79.50, -6.18, 7.43
CIELCh	80, 9.662, 129.752
Yxy	55.8038, 0.3180, 0.3501
Android (android.graphics.Color)	4290758839 (0xFFBFC8B7)
YUV	195.3710, -6.0989, -3.8334
Hunter-Lab	74.7019, -9.6114, 10.3030

Details

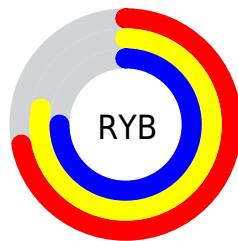
The Yxy color **55.8038, 0.3180, 0.3501** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2490, 0.3071, 0.3080**, and the grayscale version is **54.8443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5262, 0.3170, 0.3446**, and **27.5727, 0.3199, 0.3558** is the 20% darker color. If you saturate the color by 10%, you get **53.7068, 0.3241, 0.3770**, and if you desaturate by 10%, it is **58.1235, 0.3118, 0.3254**.

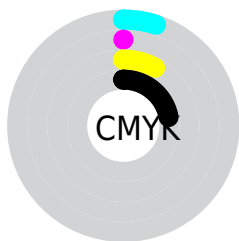
Distribution



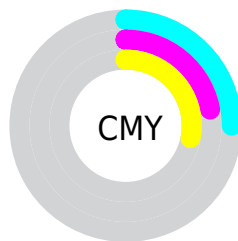
- Red (75%)
- Green (78%)
- Blue (72%)



- 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 55.8038, 0.3180, 0.3501 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 55.8038, 0.3180, 0.3501 by changing the saturation by 10% instead.

■ 55.8038, 0.3180,
0.3501

■ 55.8038, 0.3180,
0.3501

408.9517, 0.3155,
0.3398

■ 40.0456, 0.3186,
0.3526

■ 98.7177, 0.3171,
0.3464

■ 27.5741, 0.3193,
0.3558

126.6421, 0.3168,
0.3450

■ 18.0049, 0.3203,
0.3601

159.3909, 0.3165,
0.3438

■ 10.9535, 0.3215,
0.3659

197.3482, 0.3162,
0.3427

■ 6.0356, 0.3232,
0.3743

240.8985, 0.3160,
0.3419

■ 2.8667, 0.3257,
0.3878

290.4263, 0.3158,

■ 1.0626, 0.3346,

0.3411

0.4187

346.3159, 0.3157,
0.3404

0.0000, 0.0000,
0.0000

55.8038, 0.3180,
0.3501

55.8038, 0.3180,
0.3501

53.7068, 0.3241,
0.3770

58.1235, 0.3118,
0.3254

51.8181, 0.3300,
0.4057

60.6652, 0.3057,
0.3031

50.1327, 0.3351,
0.4356

63.4378, 0.2998,
0.2830

48.6425, 0.3393,
0.4658

65.9208, 0.2995,
0.2725

47.3391, 0.3419,
0.4950

67.7626, 0.3072,
0.2738

■ 46.2130, 0.3427,
0.5216

■ 69.7134, 0.3149,
0.2751

■ 45.2539, 0.3415,
0.5441

■ 69.7909, 0.3152,
0.2752

■ 44.4497, 0.3381,
0.5612

■ 43.7831, 0.3330,
0.5728

Harmonies

Analogous

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



55.8038, 0.3296, 0.3509



55.8038, 0.3180, 0.3501



55.8038, 0.3052, 0.3433

Triad

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



55.8038, 0.3180, 0.3501



55.8038, 0.2893, 0.3119



55.8038, 0.3311, 0.3252

Complementary

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



55.8038, 0.3180, 0.3501



49.2490, 0.3071, 0.3080

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.



55.8038, 0.3200, 0.3153



55.8038, 0.3180, 0.3501



55.8038, 0.2959, 0.3076

Square

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



55.8038, 0.3180, 0.3501



55.8038, 0.2888, 0.3209



55.8038, 0.3071, 0.3089



55.8038, 0.3372, 0.3363

Rectangle

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



55.8038, 0.3180, 0.3501



55.8038, 0.2977, 0.3363



55.8038, 0.3071, 0.3089



55.8038, 0.3278, 0.3217

Sweetspot

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



55.8062, 0.3180, 0.3501



98.7562, 0.3146, 0.3364



53.3063, 0.3262, 0.3398



21.0680, 0.3151, 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.



55.8062, 0.3180, 0.3501



95.9917, 0.3190, 0.3544



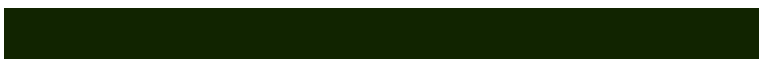
54.8102, 0.3115, 0.3501



12.1282, 0.3185, 0.3524



27.8315, 0.3333, 0.5736



1.3608, 0.3497, 0.5605

Inverse Universe

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



49.2490, 0.3071, 0.3080



82.5928, 0.3059, 0.3037



50.3074, 0.3139, 0.3087



10.5595, 0.3064, 0.3057



4.6530, 0.2092, 0.0926



0.2632, 0.2315, 0.1049

Previews

White Background



This preview shows how the Yxy color 55.8038, 0.3180, 0.3501 looks on a white background.

Color Contrast Check

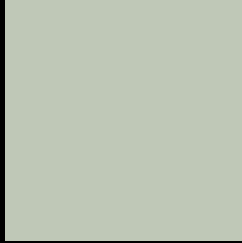
Large Text (above 18pt) WCAG AA × Fail

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 55.8038, 0.3180, 0.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

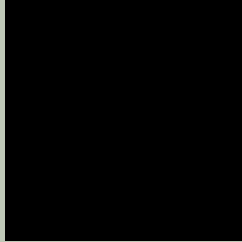
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

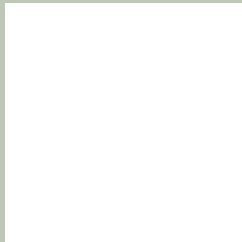
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.8038, 0.3180, 0.3501

Background



This preview shows how black text looks on a background with the Yxy color 55.8038, 0.3180, 0.3501.



This preview shows how white text looks on a background with the Yxy color 55.8038, 0.3180, 0.3501.

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

55.8038, 0.3180, 0.3501

Protanopia

55.6534, 0.3305, 0.3472

Deuteranopia

55.5453, 0.3418, 0.3349



Tritanopia

55.7851, 0.3011, 0.3111

Trichromacy



Original Color

55.8038, 0.3180, 0.3501

Protanomaly

55.4520, 0.3255, 0.3474

Deuteranomaly

55.5996, 0.3326, 0.3410

Tritanomaly

55.6189, 0.3075, 0.3241

Monochromacy



Original Color

55.8038, 0.3180, 0.3501

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.1634, 0.3147, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8038, 0.3180, 0.3501 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(191, 200, 183)` looks like.

```
.text, #text, p{  
    color:rgb(191, 200, 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(191, 200, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 200, 183) }
```

Border

The CSS property to change the border of an element to Yxy 55.8038, 0.3180, 0.3501 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(191, 200, 183) }
```

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

```
.border{ border-color:rgb(191, 200, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 200, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 200, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 200, 183);  
box-shadow:4px 4px 4px 4px rgb(191, 200,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8038, 0.3180, 0.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 200, 183) }
```

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

```
.background{ background-color: rgb(191,  
200, 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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