

Converting Colors

$Yxy(55.1074, 0.3234, 0.3576)$

Have a look what the booklet for
Yxy(55.1074, 0.3234, 0.3576)
contains.

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Color

Yxy(55.0578, 0.3233, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	BFC7B0
RGB	191, 199, 176
RGB Percent	75%, 78%, 69%
CMY	0.2509, 0.2196, 0.3099
CMYK	0.04, 0.00, 0.12, 0.22
HSL	81°, 17%, 74%
HSV	81°, 12%, 78%
XYZ	49.7490, 55.0578, 49.0719
YIQ	193.9860, 2.6150, -8.8490

Conversions

Conversions Part 2

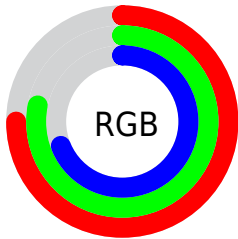
Format	Color
RYB	176, 199, 184
Decimal	12568496
CIELab	79.07, -6.85, 10.58
CIELCh	79, 12.607, 122.929
Yxy	55.0578, 0.3233, 0.3578
Android (android.graphics.Color)	4290758576 (0xFFBFC7B0)
YUV	193.9860, -8.8671, -2.6187
Hunter-Lab	74.2009, -10.1740, 12.7299

Details

The Yxy color **55.0578, 0.3233, 0.3578** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.3547, 0.3013, 0.2997**, and the grayscale version is **53.9950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1204, 0.3211, 0.3516**, and **27.0841, 0.3270, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **53.4560, 0.3324, 0.3844**, and if you desaturate by 10%, it is **56.8220, 0.3141, 0.3328**.

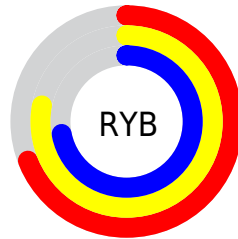
Distribution



Red (75%)

Green (78%)

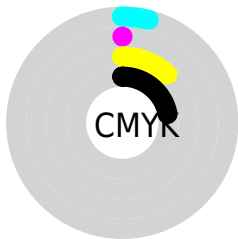
Blue (69%)



Red (69%)

Yellow (78%)

Blue (72%)

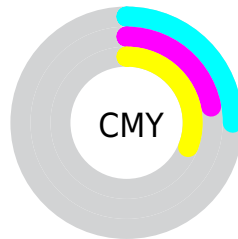


Cyan (4%)

Magenta (0%)

Yellow (12%)

Black (22%)



Cyan (25%)

Magenta (22%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0578, 0.3233, 0.3578 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 55.0578, 0.3233, 0.3578 by changing the saturation by 10% instead.


 55.0578, 0.3233,
0.3578

 55.0578, 0.3233,
0.3578

406.1310, 0.3182,
0.3436

 39.4480, 0.3245,
0.3613

 97.6256, 0.3215,
0.3527

 27.1084, 0.3260,
0.3657


125.3525, 0.3208,
0.3508

 17.6547, 0.3279,
0.3716


157.8871, 0.3202,
0.3491

 10.7023, 0.3304,
0.3796

195.6139, 0.3197,
0.3477

 5.8671, 0.3340,
0.3914

238.9173, 0.3193,
0.3465

 2.7644, 0.3391,
0.4101

288.1817, 0.3189,

 1.0100, 0.3660,

0.3454

0.4694

343.7915, 0.3186,
0.3445

0.0000, 0.0000,
0.0000

55.0578, 0.3233,
0.3578

55.0578, 0.3233,
0.3578

53.4560, 0.3324,
0.3844

56.8220, 0.3141,
0.3328

52.0038, 0.3412,
0.4121

58.7466, 0.3052,
0.3096

50.6977, 0.3493,
0.4400

60.8390, 0.2966,
0.2884

49.5312, 0.3561,
0.4672

63.0662, 0.2889,
0.2697

48.4974, 0.3611,
0.4925

64.1556, 0.2938,
0.2705

■ 47.5884, 0.3640,
0.5146

■ 65.2899, 0.2988,
0.2714

■ 46.7955, 0.3645,
0.5324

■ 66.4694, 0.3038,
0.2722

■ 46.1084, 0.3625,
0.5452

■ 67.6948, 0.3088,
0.2731

■ 45.5952, 0.3593,
0.5529

■ 68.9665, 0.3139,
0.2740

Harmonies

Analogous

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



55.0578, 0.3375, 0.3568



55.0578, 0.3233, 0.3578



55.0578, 0.3065, 0.3505

Triad

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



55.0578, 0.3233, 0.3578



55.0578, 0.2813, 0.3087



55.0578, 0.3339, 0.3208

Complementary

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



55.0578, 0.3233, 0.3578



45.3547, 0.3013, 0.2997

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.



55.0578, 0.3183, 0.3088



55.0578, 0.3233, 0.3578



55.0578, 0.2881, 0.3017

Square

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



55.0578, 0.3233, 0.3578



55.0578, 0.2826, 0.3216



55.0578, 0.3016, 0.3019



55.0578, 0.3439, 0.3351

Rectangle

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



55.0578, 0.3233, 0.3578



55.0578, 0.2962, 0.3420



55.0578, 0.3016, 0.3019



55.0578, 0.3292, 0.3164

Sweetspot

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



55.0602, 0.3233, 0.3578



99.0177, 0.3155, 0.3364



49.4151, 0.3321, 0.3386



21.1386, 0.3162, 0.3383



0.0000, 0.0000, 0.0000



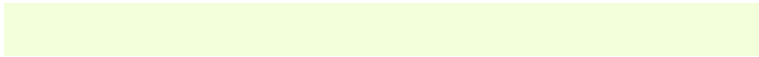
21.4041, 0.3127, 0.3290

Same Dimension

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



55.0602, 0.3233, 0.3578



95.6389, 0.3257, 0.3647



53.6627, 0.3143, 0.3586



12.2260, 0.3213, 0.3522



29.3692, 0.3601, 0.5522



1.4297, 0.3727, 0.5423

Inverse Universe

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



45.3547, 0.3013, 0.2997



75.1407, 0.2984, 0.2926



46.7930, 0.3107, 0.3006



10.4632, 0.3036, 0.3055



3.5084, 0.1772, 0.0750



0.2064, 0.2014, 0.0883

Previews

White Background



This preview shows how the Yxy color 55.0578, 0.3233, 0.3578 looks on a white background.

Color Contrast Check

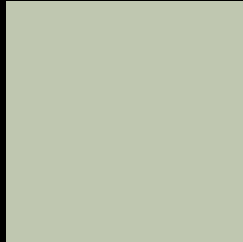
Large Text (above 18pt) WCAG AA × Fail

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 55.0578, 0.3233, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

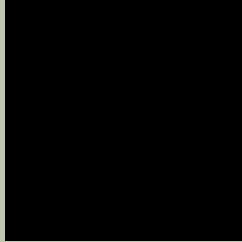
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

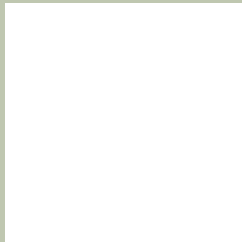
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0578, 0.3233, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 55.0578, 0.3233, 0.3578.



This preview shows how white text looks on a background with the Yxy color 55.0578, 0.3233, 0.3578.

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

55.0578, 0.3233, 0.3578

Protanopia

54.9236, 0.3361, 0.3546

Deuteranopia

54.9817, 0.3486, 0.3419



Tritanopia

54.9725, 0.3026, 0.3099

Trichromacy



Original Color

55.0578, 0.3233, 0.3578

Protanomaly

54.7171, 0.3310, 0.3549

Deuteranomaly

55.0159, 0.3392, 0.3482

Tritanomaly

55.0264, 0.3097, 0.3266

Monochromacy



Original Color

55.0578, 0.3233, 0.3578

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.4052, 0.3170, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0578, 0.3233, 0.3578 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, 199, 176)` looks like.

```
.text, #text, p{  
    color:rgb(191, 199, 176)  
}
```

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, 199, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 199, 176) }
```

Border

The CSS property to change the border of an element to Yxy 55.0578, 0.3233, 0.3578 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, 199, 176) }
```

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

```
.border{ border-color:rgb(191, 199, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 199, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 199, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 199, 176);  
box-shadow:4px 4px 4px 4px rgb(191, 199,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0578, 0.3233, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 199, 176) }
```

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

```
.background{ background-color: rgb(191,  
199, 176) }
```

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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