

Converting Colors

$Y_{xy}(55.8279, 0.3265, 0.3476)$

Have a look what the booklet for
Yxy(55.8279, 0.3265, 0.3476)
contains.

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Color

Yxy(55.5893, 0.3263, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	C8C5B6
RGB	200, 197, 182
RGB Percent	78%, 77%, 71%
CMY	0.2157, 0.2274, 0.2862
CMYK	0.00, 0.01, 0.09, 0.22
HSL	50°, 14%, 75%
HSV	50°, 9%, 78%
XYZ	52.2280, 55.5893, 52.2440
YIQ	196.1870, 6.6030, -4.0290

Conversions

Conversions Part 2

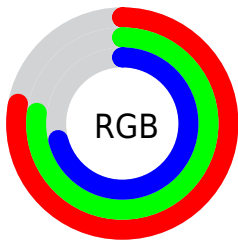
Format	Color
RYB	186, 200, 182
Decimal	13157814
CIELab	79.38, -1.58, 7.87
CIELCh	79, 8.030, 101.369
Yxy	55.5893, 0.3263, 0.3473
Android (android.graphics.Color)	4291347894 (0xFFC8C5B6)
YUV	196.1870, -6.9942, 3.3440
Hunter-Lab	74.5582, -5.4377, 10.6454

Details

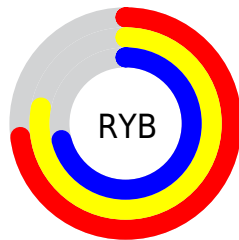
The Yxy color **55.5893, 0.3263, 0.3473** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8155, 0.2989, 0.3100**, and the grayscale version is **55.3607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3167, 0.3227, 0.3444**, and **27.3409, 0.3301, 0.3520** is the 20% darker color. If you saturate the color by 10%, you get **53.3332, 0.3424, 0.3684**, and if you desaturate by 10%, it is **58.0015, 0.3112, 0.3270**.

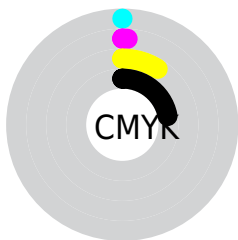
Distribution



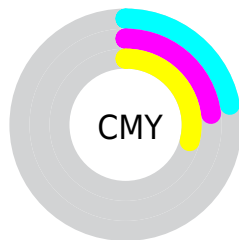
- Red (78%)
- Green (77%)
- Blue (71%)



- Red (73%)
- Yellow (78%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (22%)



- Cyan (22%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5893, 0.3263, 0.3473 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 55.5893, 0.3263, 0.3473 by changing the saturation by 10% instead.

■ 55.5893, 0.3263,
0.3473

■ 55.5893, 0.3263,
0.3473

408.1419, 0.3197,
0.3384

■ 39.8737, 0.3279,
0.3495

■ 98.4038, 0.3240,
0.3441

■ 27.4401, 0.3299,
0.3522

126.2716, 0.3231,
0.3429

■ 17.9040, 0.3325,
0.3558

158.9589, 0.3223,
0.3419

■ 10.8811, 0.3360,
0.3606

196.8501, 0.3216,
0.3410

■ 5.9869, 0.3411,
0.3677

240.3296, 0.3211,
0.3402

■ 2.8371, 0.3489,
0.3787

289.7818, 0.3206,

■ 1.0473, 0.3693,

0.3395

0.4059

345.5911, 0.3201,
0.3389

0.0000, 0.0000,
0.0000

55.5893, 0.3263,
0.3473

55.5893, 0.3263,
0.3473

53.3332, 0.3424,
0.3684

58.0015, 0.3112,
0.3270

51.2208, 0.3591,
0.3898

60.5673, 0.2973,
0.3078

49.2488, 0.3762,
0.4107

63.2939, 0.2846,
0.2898

47.4113, 0.3931,
0.4304

65.7255, 0.2770,
0.2802

45.7019, 0.4091,
0.4478

67.3829, 0.2773,
0.2839

■ 44.1132, 0.4234,
0.4620

■ 69.0745, 0.2775,
0.2876

■ 42.6372, 0.4355,
0.4721

■ 70.8004, 0.2778,
0.2913

■ 41.2642, 0.4448,
0.4777

■ 72.5609, 0.2781,
0.2950

■ 39.9783, 0.4515,
0.4791

■ 74.3561, 0.2783,
0.2987

Harmonies

Analogous

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



55.5893, 0.3324, 0.3433



55.5893, 0.3263, 0.3473



55.5893, 0.3166, 0.3463

Triad

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



55.5893, 0.3263, 0.3473



55.5893, 0.2927, 0.3219



55.5893, 0.3193, 0.3180

Complementary

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



55.5893, 0.3263, 0.3473



48.8155, 0.2989, 0.3100

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.



55.5893, 0.3086, 0.3124



55.5893, 0.3263, 0.3473



55.5893, 0.2933, 0.3145

Square

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



55.5893, 0.3263, 0.3473



55.5893, 0.2972, 0.3314



55.5893, 0.2991, 0.3111



55.5893, 0.3284, 0.3264

Rectangle

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



55.5893, 0.3263, 0.3473



55.5893, 0.3094, 0.3429



55.5893, 0.2991, 0.3111



55.5893, 0.3158, 0.3157

Sweetspot

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



55.5917, 0.3263, 0.3473



98.7103, 0.3172, 0.3351



49.2458, 0.3257, 0.3253



21.0552, 0.3184, 0.3368



0.0000, 0.0000, 0.0000



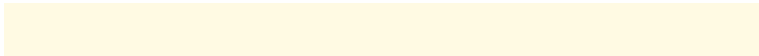
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5917, 0.3263, 0.3473



95.3913, 0.3297, 0.3518



56.1497, 0.3211, 0.3512



12.1060, 0.3269, 0.3481



25.4546, 0.4516, 0.4796



1.2871, 0.4438, 0.4858

Inverse Universe

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



48.8155, 0.2989, 0.3100



81.0319, 0.2954, 0.3051



48.3269, 0.3038, 0.3065



10.5670, 0.2983, 0.3091



3.4383, 0.1543, 0.0756



0.2541, 0.1639, 0.1102

Previews

White Background



This preview shows how the Yxy color 55.5893, 0.3263, 0.3473 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 55.5893, 0.3263, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

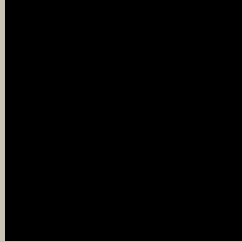
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

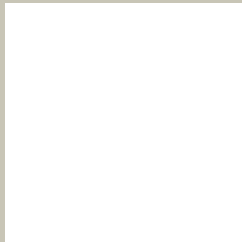
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5893, 0.3263, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 55.5893, 0.3263, 0.3473.



This preview shows how white text looks on a background with the Yxy color 55.5893, 0.3263, 0.3473.

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

55.5893, 0.3263, 0.3473

Protanopia

55.6534, 0.3305, 0.3472

Deuteranopia

55.4615, 0.3434, 0.3372



Tritanopia

55.5314, 0.3104, 0.3113

Trichromacy



Original Color

55.5893, 0.3263, 0.3473

Protanomaly

55.5126, 0.3297, 0.3472

Deuteranomaly

55.7050, 0.3369, 0.3409

Tritanomaly

55.4036, 0.3162, 0.3231

Monochromacy



Original Color

55.5893, 0.3263, 0.3473

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.1118, 0.3172, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5893, 0.3263, 0.3473 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(200, 197, 182)` looks like.

```
.text, #text, p{  
    color:rgb(200, 197, 182)  
}
```

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(200, 197, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 197, 182) }
```

Border

The CSS property to change the border of an element to Yxy 55.5893, 0.3263, 0.3473 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(200, 197, 182) }
```

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

```
.border{ border-color:rgb(200, 197, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 197, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 197, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 197, 182);  
box-shadow:4px 4px 4px 4px rgb(200, 197,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5893, 0.3263, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 197, 182) }
```

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

```
.background{ background-color: rgb(200,  
197, 182) }
```

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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