

Converting Colors

Yxy(55.9246, 0.3230, 0.3458)

Have a look what the booklet for
Yxy(55.9246, 0.3230, 0.3458)
contains.

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Color

Yxy(55.8546, 0.3231, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	C6C6B8
RGB	198, 198, 184
RGB Percent	78%, 78%, 72%
CMY	0.2234, 0.2236, 0.2784
CMYK	0.00, 0.00, 0.07, 0.22
HSL	60°, 11%, 75%
HSV	60°, 7%, 78%
XYZ	52.1428, 55.8546, 53.3854
YIQ	196.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

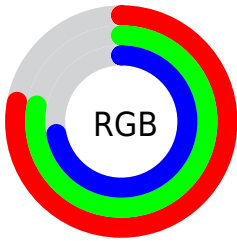
Format	Color
RYB	184, 198, 184
Decimal	13027000
CIELab	79.53, -2.46, 7.00
CIELCh	80, 7.421, 109.350
Yxy	55.8546, 0.3231, 0.3461
Android (android.graphics.Color)	4291217080 (0xFFC6C6B8)
YUV	196.4040, -6.1152, 1.3997
Hunter-Lab	74.7359, -6.2496, 9.9631

Details

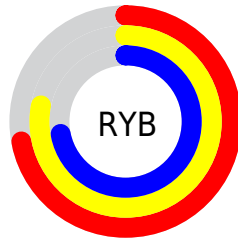
The Yxy color **55.8546, 0.3231, 0.3461** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5757, 0.3020, 0.3113**, and the grayscale version is **55.4972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **27.5145, 0.3257, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **55.0536, 0.3381, 0.3709**, and if you desaturate by 10%, it is **56.7768, 0.3085, 0.3221**.

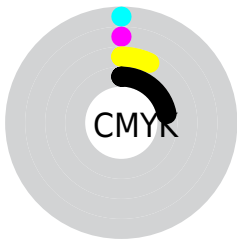
Distribution



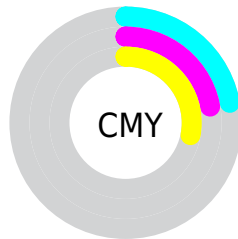
- Red (78%)
- Green (78%)
- Blue (72%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8546, 0.3231, 0.3461 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 55.8546, 0.3231, 0.3461 by changing the saturation by 10% instead.

■ 55.8546, 0.3231,
0.3461

■ 55.8546, 0.3231,
0.3461

409.1433, 0.3181,
0.3378

■ 40.0864, 0.3243,
0.3481

■ 98.7920, 0.3213,
0.3431

■ 27.6059, 0.3258,
0.3507

126.7299, 0.3206,
0.3420

■ 18.0288, 0.3278,
0.3540

159.4931, 0.3201,
0.3410

■ 10.9707, 0.3305,
0.3586

197.4661, 0.3196,
0.3402

■ 6.0471, 0.3343,
0.3652

241.0332, 0.3191,
0.3395

■ 2.8737, 0.3401,
0.3757

290.5789, 0.3187,

■ 1.0662, 0.3543,

0.3388

0.3989

346.4874, 0.3184,
0.3383

0.0000, 0.0000,
0.0000

55.8546, 0.3231,
0.3461

55.8546, 0.3231,
0.3461

55.0536, 0.3381,
0.3709

56.7768, 0.3085,
0.3221

54.3616, 0.3533,
0.3957

57.8174, 0.2947,
0.2993

53.7759, 0.3680,
0.4199

58.9830, 0.2818,
0.2781

53.2911, 0.3817,
0.4425

59.7366, 0.2747,
0.2664

52.9010, 0.3939,
0.4625

59.7668, 0.2747,
0.2665

■ 52.5990, 0.4040,
0.4790

■ 59.7970, 0.2747,
0.2666

■ 52.3776, 0.4117,
0.4915

■ 59.8273, 0.2747,
0.2666

■ 52.2278, 0.4167,
0.4997

■ 59.8575, 0.2747,
0.2667

■ 52.1377, 0.4193,
0.5039

■ 59.8878, 0.2748,
0.2668

Harmonies

Analogous

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



55.8546, 0.3298, 0.3436



55.8546, 0.3231, 0.3461



55.8546, 0.3136, 0.3439

Triad

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



55.8546, 0.3231, 0.3461



55.8546, 0.2939, 0.3203



55.8546, 0.3213, 0.3207

Complementary

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



55.8546, 0.3231, 0.3461



48.5757, 0.3020, 0.3113

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.



55.8546, 0.3116, 0.3147



55.8546, 0.3231, 0.3461



55.8546, 0.2958, 0.3144

Square

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



55.8546, 0.3231, 0.3461



55.8546, 0.2969, 0.3288



55.8546, 0.3023, 0.3124



55.8546, 0.3288, 0.3289

Rectangle

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



55.8546, 0.3231, 0.3461



55.8546, 0.3071, 0.3400



55.8546, 0.3023, 0.3124



55.8546, 0.3182, 0.3184

Sweetspot

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



55.8570, 0.3231, 0.3461



99.6650, 0.3157, 0.3339



49.7676, 0.3245, 0.3287



21.3359, 0.3155, 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.



55.8570, 0.3231, 0.3461



98.5603, 0.3262, 0.3511



54.9773, 0.3176, 0.3464



12.4107, 0.3265, 0.3518



33.8802, 0.4199, 0.5048



1.6062, 0.4198, 0.5049

Inverse Universe

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



48.5757, 0.3020, 0.3113



82.1686, 0.2987, 0.3059



49.4139, 0.3075, 0.3116



10.2931, 0.2983, 0.3052



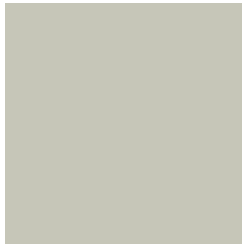
2.6633, 0.1501, 0.0602



0.1281, 0.1503, 0.0611

Previews

White Background



This preview shows how the Yxy color 55.8546, 0.3231, 0.3461 looks on a white background.

Color Contrast Check

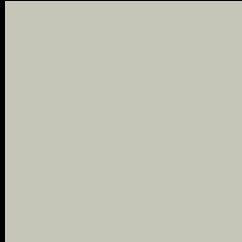
Large Text (above 18pt) WCAG AA × Fail

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 55.8546, 0.3231, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

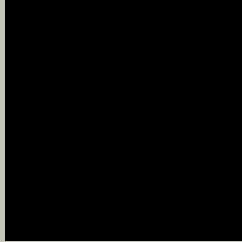
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

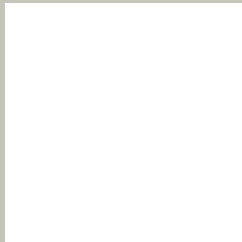
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.8546, 0.3231, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 55.8546, 0.3231, 0.3461.



This preview shows how white text looks on a background with the Yxy color 55.8546, 0.3231, 0.3461.

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

55.8546, 0.3231, 0.3461

Protanopia

55.7361, 0.3290, 0.3447

Deuteranopia

55.5877, 0.3409, 0.3337



Tritanopia

55.7933, 0.3073, 0.3101

Trichromacy



Original Color

55.8546, 0.3231, 0.3461

Protanomaly

55.9080, 0.3272, 0.3460

Deuteranomaly

55.6398, 0.3345, 0.3385

Tritanomaly

55.6648, 0.3131, 0.3218

Monochromacy



Original Color

55.8546, 0.3231, 0.3461

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.6086, 0.3164, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8546, 0.3231, 0.3461 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(198, 198, 184)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 184)  
}
```

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(198, 198, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 184) }
```

Border

The CSS property to change the border of an element to Yxy 55.8546, 0.3231, 0.3461 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(198, 198, 184) }
```

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

```
.border{ border-color:rgb(198, 198, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 184);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8546, 0.3231, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 184) }
```

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

```
.background{ background-color: rgb(198,  
198, 184) }
```

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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