

Converting Colors

Yxy(55.9578, 0.3238, 0.3326)

Have a look what the booklet for
Yxy(55.9578, 0.3238, 0.3326)
contains.

Yxy(55.9578, 0.3238, 0.3326)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.9578, 0.3238, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	CEC3C0
RGB	206, 195, 192
RGB Percent	81%, 76%, 75%
CMY	0.1923, 0.2352, 0.2470
CMYK	0.00, 0.05, 0.07, 0.19
HSL	13°, 12%, 78%
HSV	13°, 7%, 81%
XYZ	54.4773, 55.9578, 57.8085
YIQ	197.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

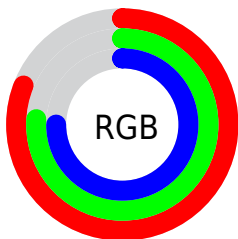
Format	Color
RYB	206, 196, 192
Decimal	13550528
CIELab	79.59, 3.31, 2.86
CIElCh	80, 4.374, 40.879
Yxy	55.9578, 0.3238, 0.3326
Android (android.graphics.Color)	4291740608 (0xFFCEC3C0)
YUV	197.9470, -2.9319, 7.0625
Hunter-Lab	74.8049, -0.9147, 6.5448

Details

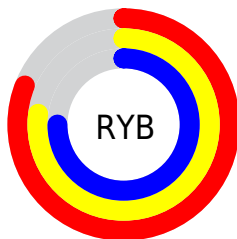
The Yxy color $55.9578, 0.3238, 0.3326$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $58.3604, 0.3023, 0.3254$, and the grayscale version is $56.4522, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.6581, 0.3169, 0.3328$, and $27.5892, 0.3267, 0.3322$ is the 20% darker color. If you saturate the color by 10%, you get $48.2508, 0.3430, 0.3382$, and if you desaturate by 10%, it is $64.5823, 0.3079, 0.3274$.

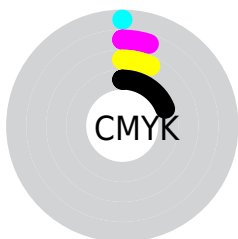
Distribution



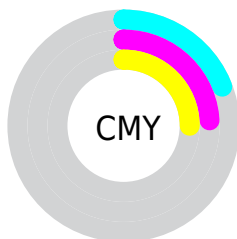
- Red (81%)
- Green (76%)
- Blue (75%)



- Red (81%)
- Yellow (77%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (19%)




- Cyan (19%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9578, 0.3238, 0.3326 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 55.9578, 0.3238, 0.3326 by changing the saturation by 10% instead.


 55.9578, 0.3238,
0.3326

 55.9578, 0.3238,
0.3326

409.5324, 0.3184,
0.3309

 40.1691, 0.3251,
0.3330


 98.9429, 0.3219,
0.3320

 27.6704, 0.3267,
0.3335


126.9080, 0.3211,
0.3318

 18.0774, 0.3289,
0.3342


159.7008, 0.3205,
0.3316

 11.0055, 0.3318,
0.3351

197.7055, 0.3200,
0.3314

 6.0706, 0.3361,
0.3363

241.3067, 0.3195,
0.3312

 2.8880, 0.3427,
0.3382

290.8886, 0.3191,

 1.0736, 0.3546,

0.3311

0.3414

346.8357, 0.3187,
0.3310

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9578, 0.3238,
0.3326

55.9578, 0.3238,
0.3326

48.2508, 0.3430,
0.3382

64.5823, 0.3079,
0.3274

41.4237, 0.3660,
0.3442

74.1458, 0.2947,
0.3225

35.4474, 0.3936,
0.3502

84.6781, 0.2837,
0.3181

30.2879, 0.4260,
0.3558

91.8569, 0.2838,
0.3289

■ 25.9092, 0.4629,
0.3604

■ 22.2727, 0.5031,
0.3630

■ 19.3359, 0.5437,
0.3628

■ 17.0523, 0.5803,
0.3589

■ 15.3679, 0.6084,
0.3515

Harmonies

Analogous

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



55.9578, 0.3212, 0.3275



55.9578, 0.3238, 0.3326



55.9578, 0.3234, 0.3368

Triad

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



55.9578, 0.3238, 0.3326



55.9578, 0.3092, 0.3353



55.9578, 0.3053, 0.3192

Complementary

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



55.9578, 0.3238, 0.3326



58.3604, 0.3023, 0.3254

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.



55.9578, 0.3021, 0.3212



55.9578, 0.3238, 0.3326



55.9578, 0.3043, 0.3304

Square

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



55.9578, 0.3238, 0.3326



55.9578, 0.3149, 0.3384



55.9578, 0.3018, 0.3253



55.9578, 0.3104, 0.3199

Rectangle

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



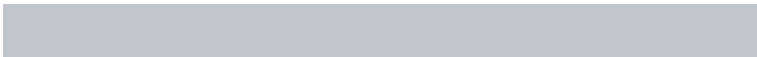
55.9578, 0.3238, 0.3326



55.9578, 0.3216, 0.3385



55.9578, 0.3018, 0.3253



55.9578, 0.3039, 0.3196

Sweetspot

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



55.9602, 0.3238, 0.3326



97.1476, 0.3159, 0.3301



55.1442, 0.3156, 0.3158



20.8235, 0.3157, 0.3300



0.0000, 0.0000, 0.0000



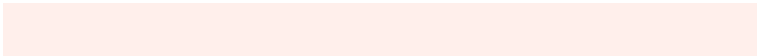
21.4041, 0.3127, 0.3290

Same Dimension

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



55.9602, 0.3238, 0.3326



88.9582, 0.3261, 0.3333



59.0619, 0.3231, 0.3406



11.5979, 0.3285, 0.3340



9.3185, 0.6136, 0.3510



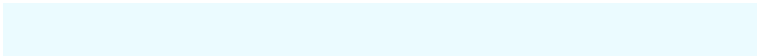
0.5952, 0.5753, 0.3814

Inverse Universe

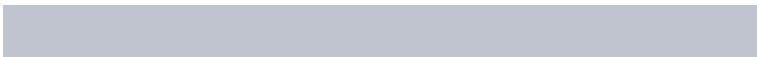
The Inverse Universe completely reimagines the original color for something new.



58.3604, 0.3023, 0.3254



93.5694, 0.3003, 0.3246



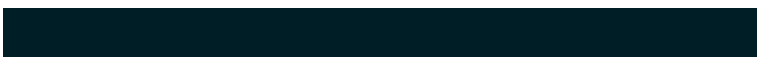
55.2345, 0.3024, 0.3172



12.3020, 0.2983, 0.3239



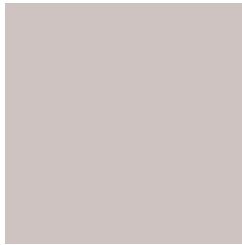
18.7457, 0.2053, 0.2589



1.0717, 0.2095, 0.2741

Previews

White Background



This preview shows how the Yxy color 55.9578, 0.3238, 0.3326 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 55.9578, 0.3238, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

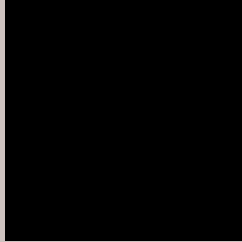
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

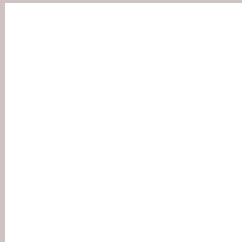
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9578, 0.3238, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 55.9578, 0.3238, 0.3326.



This preview shows how white text looks on a background with the Yxy color 55.9578, 0.3238, 0.3326.

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

55.9578, 0.3238, 0.3326

Protanopia

55.8867, 0.3197, 0.3326

Deuteranopia

56.0173, 0.3335, 0.3267



Tritanopia

56.1039, 0.3135, 0.3115

Trichromacy



Original Color

55.9578, 0.3238, 0.3326

Protanomaly

56.0266, 0.3206, 0.3326

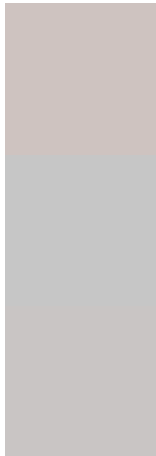
Deuteranomaly

55.8457, 0.3300, 0.3279

Tritanomaly

56.1132, 0.3172, 0.3196

Monochromacy



Original Color

55.9578, 0.3238, 0.3326

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.3355, 0.3166, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9578, 0.3238, 0.3326 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(206, 195, 192)` looks like.

```
.text, #text, p{  
    color:rgb(206, 195, 192)  
}
```

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(206, 195, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 195, 192) }
```

Border

The CSS property to change the border of an element to Yxy 55.9578, 0.3238, 0.3326 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(206, 195, 192) }
```

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

```
.border{ border-color:rgb(206, 195, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 195, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 195, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 195, 192);  
box-shadow:4px 4px 4px 4px rgb(206, 195,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9578, 0.3238, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 195, 192) }
```

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

```
.background{ background-color: rgb(206,  
195, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor