

Converting Colors

Yxy(55.8820, 0.3193, 0.3388)

Have a look what the booklet for
Yxy(55.8820, 0.3193, 0.3388)
contains.

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Color

Yxy(55.6124, 0.3194, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	C6C5BD
RGB	198, 197, 189
RGB Percent	78%, 77%, 74%
CMY	0.2237, 0.2274, 0.2589
CMYK	0.00, 0.00, 0.05, 0.22
HSL	54°, 7%, 76%
HSV	54°, 5%, 78%
XYZ	52.4280, 55.6124, 56.1048
YIQ	196.3870, 3.1640, -2.2760

Conversions

Conversions Part 2

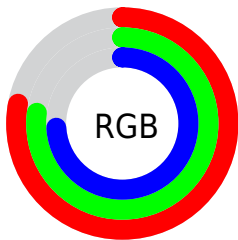
Format	Color
R _Y B	190, 198, 189
Decimal	13026749
CIE Lab	79.39, -1.12, 4.13
CIE LCh	79, 4.278, 105.146
Yxy	55.6124, 0.3194, 0.3388
Android (android.graphics.Color)	4291216829 (0xFFC6C5BD)
YUV	196.3870, -3.6418, 1.4146
Hunter-Lab	74.5737, -5.0122, 7.5953

Details

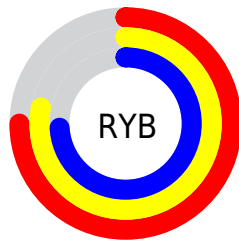
The Yxy color **55.6124, 0.3194, 0.3388** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6780, 0.3059, 0.3190**, and the grayscale version is **55.4637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7362, 0.3186, 0.3376**, and **27.3518, 0.3208, 0.3405** is the 20% darker color. If you saturate the color by 10%, you get **53.8930, 0.3348, 0.3611**, and if you desaturate by 10%, it is **57.4664, 0.3049, 0.3175**.

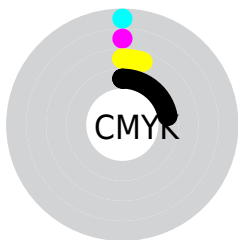
Distribution



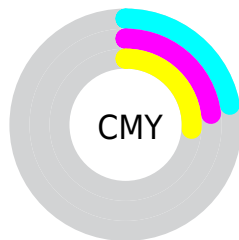
- Red (78%)
- Green (77%)
- Blue (74%)



- Red (75%)
- Yellow (78%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (22%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6124, 0.3194, 0.3388 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 55.6124, 0.3194, 0.3388 by changing the saturation by 10% instead.


 55.6124, 0.3194,
0.3388

 55.6124, 0.3194,
0.3388


408.2292, 0.3162,
0.3340

 39.8922, 0.3202,
0.3400


 98.4376, 0.3182,
0.3371

 27.4545, 0.3212,
0.3414


126.3115, 0.3178,
0.3365

 17.9149, 0.3224,
0.3433


159.0054, 0.3174,
0.3359

 10.8889, 0.3242,
0.3459

196.9037, 0.3171,
0.3354

 5.9922, 0.3267,
0.3497

240.3909, 0.3168,
0.3350

 2.8403, 0.3306,
0.3556

289.8512, 0.3166,

 1.0489, 0.3381,

0.3346

0.3669

345.6692, 0.3164,
0.3343

0.0000, 0.0000,
0.0000

55.6124, 0.3194,
0.3388

55.6124, 0.3194,
0.3388

53.8930, 0.3348,
0.3611

57.4664, 0.3049,
0.3175

52.2963, 0.3507,
0.3838

59.4524, 0.2914,
0.2973

50.8196, 0.3669,
0.4063

61.5771, 0.2790,
0.2787

49.4575, 0.3827,
0.4278

62.9674, 0.2753,
0.2743

48.2039, 0.3976,
0.4472

63.9506, 0.2754,
0.2766

■ 47.0523, 0.4109,
0.4638

■ 64.9465, 0.2756,
0.2789

■ 45.9954, 0.4220,
0.4765

■ 65.9553, 0.2758,
0.2812

■ 45.0247, 0.4306,
0.4849

■ 66.9769, 0.2760,
0.2835

■ 44.1300, 0.4363,
0.4889

■ 68.0115, 0.2761,
0.2858

Harmonies

Analogous

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



55.6124, 0.3229, 0.3371



55.6124, 0.3194, 0.3388



55.6124, 0.3141, 0.3379

Triad

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



55.6124, 0.3194, 0.3388



55.6124, 0.3019, 0.3247



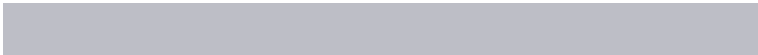
55.6124, 0.3169, 0.3236

Complementary

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



55.6124, 0.3194, 0.3388



51.6780, 0.3059, 0.3190

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.



55.6124, 0.3113, 0.3204



55.6124, 0.3194, 0.3388



55.6124, 0.3026, 0.3209

Square

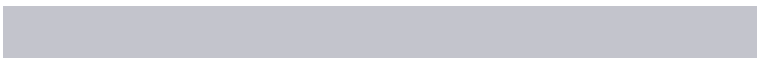
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.6124, 0.3194, 0.3388



55.6124, 0.3040, 0.3297



55.6124, 0.3060, 0.3194



55.6124, 0.3215, 0.3283

Rectangle

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



55.6124, 0.3194, 0.3388



55.6124, 0.3103, 0.3359



55.6124, 0.3060, 0.3194



55.6124, 0.3151, 0.3223

Sweetspot

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



55.6148, 0.3194, 0.3388



99.6693, 0.3142, 0.3312



52.1055, 0.3193, 0.3277



21.3368, 0.3141, 0.3311



0.0000, 0.0000, 0.0000



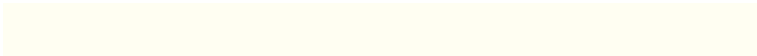
21.4041, 0.3127, 0.3290

Same Dimension

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



55.6148, 0.3194, 0.3388



98.3706, 0.3202, 0.3400



55.5741, 0.3166, 0.3400



12.3695, 0.3211, 0.3412



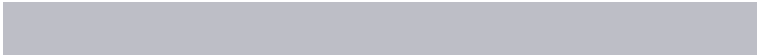
28.4848, 0.4384, 0.4901



1.4039, 0.4340, 0.4936

Inverse Universe

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



51.6780, 0.3059, 0.3190



90.5805, 0.3051, 0.3178



51.7240, 0.3087, 0.3180



11.2847, 0.3042, 0.3165



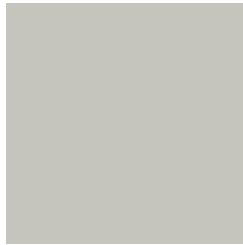
3.0467, 0.1522, 0.0679



0.2054, 0.1590, 0.0923

Previews

White Background



This preview shows how the Yxy color 55.6124, 0.3194, 0.3388 looks on a white background.

Color Contrast Check

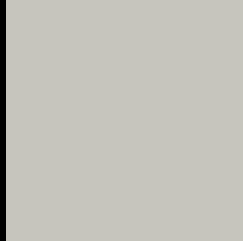
Large Text (above 18pt) WCAG AA × Fail

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 55.6124, 0.3194, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

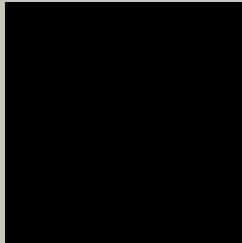
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

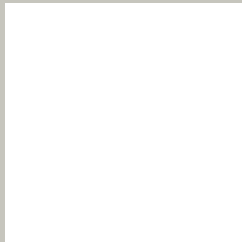
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6124, 0.3194, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 55.6124, 0.3194, 0.3388.

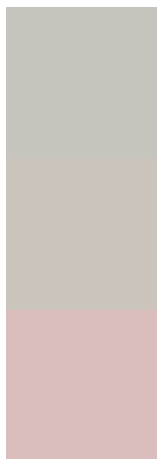


This preview shows how white text looks on a background with the Yxy color 55.6124, 0.3194, 0.3388.

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

55.6124, 0.3194, 0.3388

Protanopia

55.6673, 0.3235, 0.3387

Deuteranopia

55.4500, 0.3360, 0.3291



Tritanopia

55.6045, 0.3072, 0.3112

Trichromacy



Original Color

55.6124, 0.3194, 0.3388

Protanomaly

55.5282, 0.3227, 0.3387

Deuteranomaly

55.7065, 0.3297, 0.3326

Tritanomaly

55.5738, 0.3115, 0.3206

Monochromacy



Original Color

55.6124, 0.3194, 0.3388

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2004, 0.3157, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6124, 0.3194, 0.3388 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, 197, 189)` looks like.

```
.text, #text, p{  
    color:rgb(198, 197, 189)  
}
```

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, 197, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 197, 189) }
```

Border

The CSS property to change the border of an element to Yxy 55.6124, 0.3194, 0.3388 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, 197, 189) }
```

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

```
.border{ border-color:rgb(198, 197, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 197, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 197, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 197, 189);  
box-shadow:4px 4px 4px 4px rgb(198, 197,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6124, 0.3194, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 197, 189) }
```

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

```
.background{ background-color: rgb(198,  
197, 189) }
```

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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