

Converting Colors

$Yxy(55.5423, 0.3094, 0.3350)$

Have a look what the booklet for
Yxy(55.5423, 0.3094, 0.3350)
contains.

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Color

Yxy(55.6890, 0.3093, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	BEC7C2
RGB	190, 199, 194
RGB Percent	75%, 78%, 76%
CMY	0.2548, 0.2196, 0.2391
CMYK	0.05, 0.00, 0.02, 0.22
HSL	147°, 7%, 76%
HSV	147°, 5%, 78%
XYZ	51.4014, 55.6890, 59.0958
YIQ	195.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

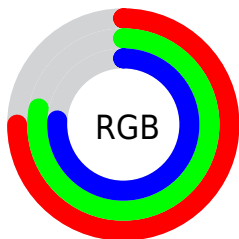
Format	Color
R_{YB}	190, 196, 199
Decimal	12502978
CIE Lab	79.44, -4.00, 1.41
CIE LCh	79, 4.240, 160.649
Yxy	55.6890, 0.3093, 0.3351
Android (android.graphics.Color)	4290693058 (0xFFBEC7C2)
YUV	195.7390, -0.8573, -5.0331
Hunter-Lab	74.6251, -7.6439, 5.2856

Details

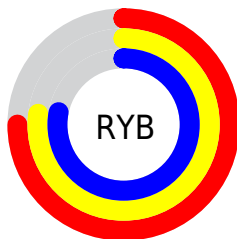
The Yxy color **55.6890, 0.3093, 0.3351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9147, 0.3163, 0.3230**, and the grayscale version is **55.0478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0150, 0.3100, 0.3338**, and **27.4626, 0.3092, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **52.8247, 0.3018, 0.3498**, and if you desaturate by 10%, it is **58.9445, 0.3169, 0.3220**.

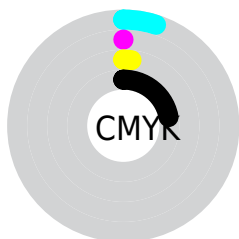
Distribution



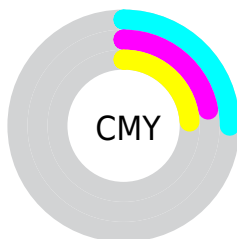
- Red (75%)
- Green (78%)
- Blue (76%)



- Red (75%)
- Yellow (77%)
- Blue (78%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (25%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.6890, 0.3093, 0.3351 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 55.6890, 0.3093, 0.3351 by changing the saturation by 10% instead.

■ 55.6890, 0.3093,
0.3351

■ 55.6890, 0.3093,
0.3351

408.5184, 0.3110,
0.3321

■ 39.9536, 0.3089,
0.3358

■ 98.5497, 0.3099,
0.3340

■ 27.5024, 0.3084,
0.3367

126.4439, 0.3101,
0.3336

■ 17.9509, 0.3077,
0.3379

159.1597, 0.3103,
0.3333

■ 10.9147, 0.3068,
0.3396

197.0817, 0.3105,
0.3330

■ 6.0095, 0.3055,
0.3419

240.5941, 0.3106,
0.3327

■ 2.8509, 0.3034,
0.3456

290.0815, 0.3108,

■ 1.0544, 0.2996,

0.3325

0.3524

345.9281, 0.3109,
0.3323

0.0000, 0.0000,
0.0000

55.6890, 0.3093,
0.3351

55.6890, 0.3093,
0.3351

52.8247, 0.3018,
0.3498

58.9445, 0.3169,
0.3220

50.3297, 0.2946,
0.3662

62.5982, 0.3243,
0.3105

48.1904, 0.2879,
0.3842

66.6658, 0.3316,
0.3003

46.3899, 0.2821,
0.4037

68.2819, 0.3275,
0.2900

44.9097, 0.2774,
0.4244

68.9489, 0.3195,
0.2797

■ 43.7295, 0.2742,
0.4459

■ 69.3259, 0.3153,
0.2742

■ 42.8265, 0.2728,
0.4676

■ 42.1747, 0.2733,
0.4888

■ 41.7424, 0.2757,
0.5087

Harmonies

Analogous

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



55.6890, 0.3149, 0.3381



55.6890, 0.3093, 0.3351



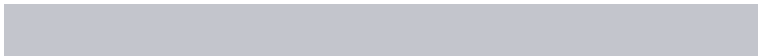
55.6890, 0.3046, 0.3304

Triad

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



55.6890, 0.3093, 0.3351



55.6890, 0.3054, 0.3195



55.6890, 0.3235, 0.3325

Complementary

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



55.6890, 0.3093, 0.3351



52.9147, 0.3163, 0.3230

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.



55.6890, 0.3209, 0.3275



55.6890, 0.3093, 0.3351



55.6890, 0.3104, 0.3201

Square

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



55.6890, 0.3093, 0.3351



55.6890, 0.3024, 0.3214



55.6890, 0.3161, 0.3231



55.6890, 0.3231, 0.3365

Rectangle

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



55.6890, 0.3093, 0.3351



55.6890, 0.3026, 0.3270



55.6890, 0.3161, 0.3231



55.6890, 0.3229, 0.3309

Sweetspot

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



55.6914, 0.3093, 0.3351



99.4291, 0.3119, 0.3303



56.1804, 0.3162, 0.3400



21.2879, 0.3120, 0.3303



0.0000, 0.0000, 0.0000



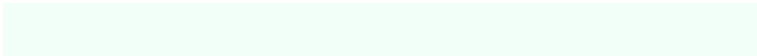
21.4041, 0.3127, 0.3290

Same Dimension

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



55.6914, 0.3093, 0.3351



97.2157, 0.3089, 0.3359



55.8906, 0.3062, 0.3297



12.2089, 0.3085, 0.3367



26.7458, 0.2768, 0.5165



1.2810, 0.2654, 0.4755

Inverse Universe

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



52.9147, 0.3163, 0.3230



91.7715, 0.3167, 0.3222



52.7200, 0.3196, 0.3283



11.4509, 0.3172, 0.3215



8.5502, 0.4718, 0.2373



0.4193, 0.4320, 0.2154

Previews

White Background



This preview shows how the Yxy color 55.6890, 0.3093, 0.3351 looks on a white background.

Color Contrast Check

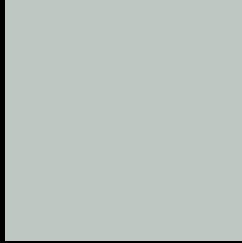
Large Text (above 18pt) WCAG AA × Fail

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 55.6890, 0.3093, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

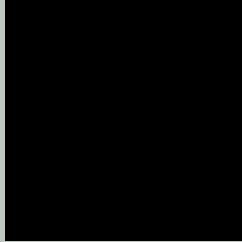
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

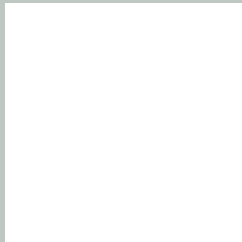
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6890, 0.3093, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 55.6890, 0.3093, 0.3351.



This preview shows how white text looks on a background with the Yxy color 55.6890, 0.3093, 0.3351.

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

55.6890, 0.3093, 0.3351

Protanopia

55.7031, 0.3197, 0.3338

Deuteranopia

55.4114, 0.3296, 0.3221



Tritanopia

55.5708, 0.2989, 0.3098

Trichromacy



Original Color

55.6890, 0.3093, 0.3351

Protanomaly

55.6531, 0.3157, 0.3339

Deuteranomaly

55.3455, 0.3226, 0.3267

Tritanomaly

55.5468, 0.3031, 0.3193

Monochromacy



Original Color

55.6890, 0.3093, 0.3351

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.3420, 0.3118, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6890, 0.3093, 0.3351 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(190, 199, 194)` looks like.

```
.text, #text, p{  
    color:rgb(190, 199, 194)  
}
```

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(190, 199, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 199, 194) }
```

Border

The CSS property to change the border of an element to Yxy 55.6890, 0.3093, 0.3351 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(190, 199, 194) }
```

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

```
.border{ border-color:rgb(190, 199, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 199, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 199, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 199, 194);  
box-shadow:4px 4px 4px 4px rgb(190, 199,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6890, 0.3093, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 199, 194) }
```

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

```
.background{ background-color: rgb(190,  
199, 194) }
```

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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