

Converting Colors

$Yxy(55.2754, 0.3130, 0.3356)$

Have a look what the booklet for
Yxy(55.2754, 0.3130, 0.3356)
contains.

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Color

Yxy(55.0757, 0.3132, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	C1C5C0
RGB	193, 197, 192
RGB Percent	76%, 77%, 75%
CMY	0.2431, 0.2274, 0.2469
CMYK	0.02, 0.00, 0.03, 0.23
HSL	108°, 4%, 76%
HSV	108°, 3%, 77%
XYZ	51.4763, 55.0757, 57.8040
YIQ	195.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

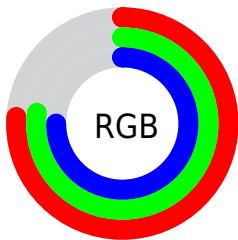
Format	Color
RYB	192, 197, 196
Decimal	12699072
CIELab	79.08, -2.29, 2.00
CIElCh	79, 3.036, 138.885
Yxy	55.0757, 0.3132, 0.3351
Android (android.graphics.Color)	4290889152 (0xFFC1C5C0)
YUV	195.2340, -1.5944, -1.9592
Hunter-Lab	74.2130, -6.0600, 5.7685

Details

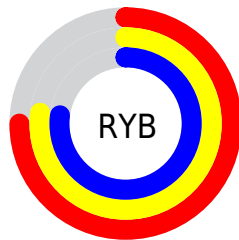
The Yxy color **55.0757, 0.3132, 0.3351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4836, 0.3122, 0.3229**, and the grayscale version is **54.7325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8007, 0.3131, 0.3348**, and **27.0845, 0.3135, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **52.2906, 0.3150, 0.3611**, and if you desaturate by 10%, it is **58.2054, 0.3113, 0.3120**.

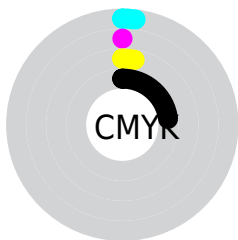
Distribution



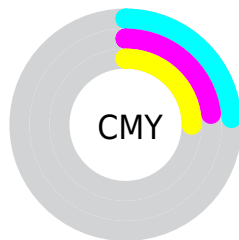
- Red (76%)
- Green (77%)
- Blue (75%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (24%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0757, 0.3132, 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 55.0757, 0.3132, 0.3351 by changing the saturation by 10% instead.

■ 55.0757, 0.3132,
0.3351

■ 55.0757, 0.3132,
0.3351

406.1988, 0.3130,
0.3321

■ 39.4623, 0.3133,
0.3358

■ 97.6519, 0.3131,
0.3340

■ 27.1196, 0.3133,
0.3367

125.3834, 0.3131,
0.3336

■ 17.6631, 0.3134,
0.3379

157.9232, 0.3131,
0.3333

■ 10.7084, 0.3135,
0.3396

195.6556, 0.3130,
0.3330

■ 5.8711, 0.3137,
0.3420

238.9649, 0.3130,
0.3327

■ 2.7668, 0.3139,
0.3457

288.2357, 0.3130,

■ 1.0113, 0.3143,


0.3325

0.3526

343.8522, 0.3130,
0.3323

 0.0000, 0.0000,
0.0000

 55.0757, 0.3132,
0.3351


 55.0757, 0.3132,
0.3351


 52.2906, 0.3150,
0.3611

 58.2054, 0.3113,
0.3120

 49.8314, 0.3166,
0.3901


 61.6837, 0.3093,
0.2917

 47.6883, 0.3179,
0.4216

 65.5234, 0.3073,
0.2739

 45.8481, 0.3185,
0.4548

 68.4128, 0.3154,
0.2722

 44.2969, 0.3185,
0.4885

■ 43.0197, 0.3175,
0.5207

■ 41.9999, 0.3155,
0.5493

■ 41.2190, 0.3126,
0.5720

■ 40.6560, 0.3090,
0.5875

Harmonies

Analogous

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



55.0757, 0.3171, 0.3360



55.0757, 0.3132, 0.3351



55.0757, 0.3092, 0.3325

Triad

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



55.0757, 0.3132, 0.3351



55.0757, 0.3057, 0.3230



55.0757, 0.3193, 0.3290

Complementary

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



55.0757, 0.3132, 0.3351



53.4836, 0.3122, 0.3229

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.



55.0757, 0.3162, 0.3255



55.0757, 0.3132, 0.3351



55.0757, 0.3084, 0.3221

Square

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



55.0757, 0.3132, 0.3351



55.0757, 0.3049, 0.3256



55.0757, 0.3122, 0.3230



55.0757, 0.3206, 0.3324

Rectangle

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



55.0757, 0.3132, 0.3351



55.0757, 0.3071, 0.3303



55.0757, 0.3122, 0.3230



55.0757, 0.3184, 0.3278

Sweetspot

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



55.0781, 0.3132, 0.3351



99.4500, 0.3129, 0.3314



55.1605, 0.3165, 0.3339



21.2922, 0.3129, 0.3313



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.



55.0781, 0.3132, 0.3351



98.3690, 0.3133, 0.3364



55.0169, 0.3113, 0.3333



12.3445, 0.3134, 0.3382



26.5722, 0.3071, 0.5944



1.2888, 0.3211, 0.5833

Inverse Universe

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



53.4836, 0.3122, 0.3229



94.9326, 0.3121, 0.3217



53.5466, 0.3141, 0.3248



11.8133, 0.3120, 0.3200



7.4945, 0.2722, 0.1273



0.3825, 0.2829, 0.1332

Previews

White Background



This preview shows how the Yxy color 55.0757, 0.3132, 0.3351 looks on a white background.

Color Contrast Check

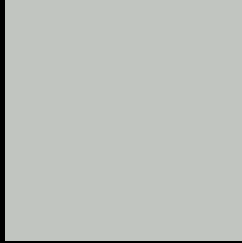
Large Text (above 18pt) WCAG AA × Fail

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 55.0757, 0.3132, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

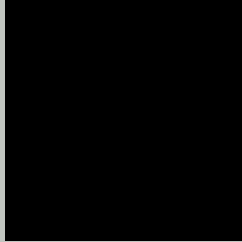
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

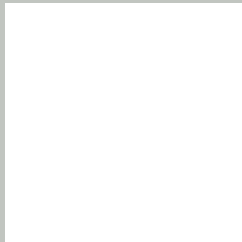
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0757, 0.3132, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 55.0757, 0.3132, 0.3351.



This preview shows how white text looks on a background with the Yxy color 55.0757, 0.3132, 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

55.0757, 0.3132, 0.3351

Protanopia

55.0712, 0.3197, 0.3339

Deuteranopia

54.7373, 0.3304, 0.3232



Tritanopia

54.9725, 0.3026, 0.3099

Trichromacy



Original Color

55.0757, 0.3132, 0.3351

Protanomaly

55.1118, 0.3172, 0.3351

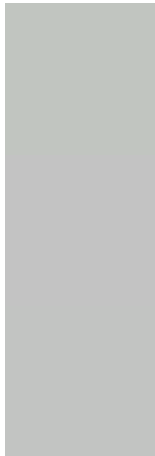
Deuteranomaly

54.8149, 0.3242, 0.3278

Tritanomaly

54.9441, 0.3069, 0.3193

Monochromacy



Original Color

55.0757, 0.3132, 0.3351

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.8442, 0.3126, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0757, 0.3132, 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(193, 197, 192)` looks like.

```
.text, #text, p{  
    color:rgb(193, 197, 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(193, 197, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 197, 192) }
```

Border

The CSS property to change the border of an element to Yxy 55.0757, 0.3132, 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(193, 197, 192) }
```

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

```
.border{ border-color:rgb(193, 197, 192) }
```

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

Here you see how a box with a 4 pixel rgb(193, 197, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 197, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 197, 192);  
box-shadow:4px 4px 4px 4px rgb(193, 197,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0757, 0.3132, 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(193, 197, 192) }
```

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

```
.background{ background-color: rgb(193,  
197, 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](#).

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