

Converting Colors

$Yxy(55.0405, 0.3158, 0.3413)$

Have a look what the booklet for
Yxy(55.0405, 0.3158, 0.3413)
contains.

Yxy(55.2255, 0.3153, 0.3414)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.2255, 0.3153, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	C0C6BC
RGB	192, 198, 188
RGB Percent	75%, 78%, 74%
CMY	0.2471, 0.2235, 0.2628
CMYK	0.03, 0.00, 0.05, 0.22
HSL	96°, 8%, 76%
HSV	96°, 5%, 78%
XYZ	51.0035, 55.2255, 55.5328
YIQ	195.0660, -0.3660, -4.3820

Conversions

Conversions Part 2

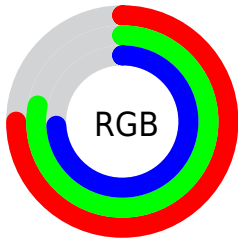
Format	Color
RYB	188, 198, 194
Decimal	12633788
CIELab	79.17, -3.91, 4.29
CIELCh	79, 5.808, 132.320
Yxy	55.2255, 0.3153, 0.3414
Android (android.graphics.Color)	4290823868 (0xFFC0C6BC)
YUV	195.0660, -3.4835, -2.6889
Hunter-Lab	74.3139, -7.5401, 7.7138

Details

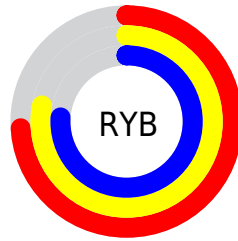
The Yxy color **55.2255, 0.3153, 0.3414** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5031, 0.3100, 0.3167**, and the grayscale version is **54.6347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0081, 0.3147, 0.3397**, and **27.1848, 0.3163, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **52.9414, 0.3203, 0.3677**, and if you desaturate by 10%, it is **57.7570, 0.3102, 0.3175**.

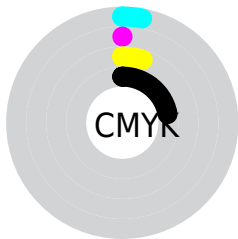
Distribution



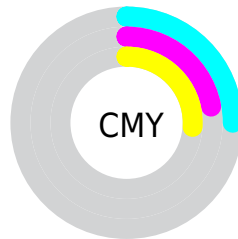
- Red (75%)
- Green (78%)
- Blue (74%)



- Red (74%)
- Yellow (78%)
- Blue (76%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (25%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2255, 0.3153, 0.3414 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 55.2255, 0.3153, 0.3414 by changing the saturation by 10% instead.

■ 55.2255, 0.3153,
0.3414

■ 55.2255, 0.3153,
0.3414

406.7662, 0.3141,
0.3353

■ 39.5823, 0.3156,
0.3429

■ 97.8713, 0.3149,
0.3392

■ 27.2130, 0.3160,
0.3448

125.6426, 0.3147,
0.3384

■ 17.7333, 0.3164,
0.3472

158.2255, 0.3146,
0.3377

■ 10.7587, 0.3171,
0.3506

196.0042, 0.3144,
0.3371

■ 5.9048, 0.3180,
0.3555

239.3633, 0.3143,
0.3366

■ 2.7873, 0.3193,
0.3633

288.6870, 0.3142,

■ 1.0217, 0.3225,

0.3361

0.3789

344.3599, 0.3141,
0.3357

0.0000, 0.0000,
0.0000

55.2255, 0.3153,
0.3414

55.2255, 0.3153,
0.3414

52.9414, 0.3203,
0.3677

57.7570, 0.3102,
0.3175

50.8899, 0.3251,
0.3962

60.5362, 0.3052,
0.2961

49.0652, 0.3294,
0.4264

63.5723, 0.3004,
0.2771

47.4588, 0.3328,
0.4576

66.0627, 0.3040,
0.2712

46.0613, 0.3349,
0.4883

68.2081, 0.3127,
0.2728

■ 44.8628, 0.3355,
0.5171

■ 68.8740, 0.3153,
0.2732

■ 43.8522, 0.3343,
0.5423

■ 43.0172, 0.3311,
0.5622

■ 42.3433, 0.3263,
0.5759

Harmonies

Analogous

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



55.2255, 0.3224, 0.3423



55.2255, 0.3153, 0.3414



55.2255, 0.3076, 0.3371

Triad

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



55.2255, 0.3153, 0.3414



55.2255, 0.2987, 0.3184



55.2255, 0.3242, 0.3274

Complementary

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



55.2255, 0.3153, 0.3414



51.5031, 0.3100, 0.3167

Split Complementary

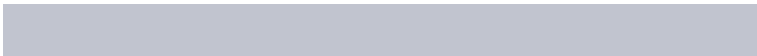
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.2255, 0.3178, 0.3212



55.2255, 0.3153, 0.3414



55.2255, 0.3031, 0.3160

Square

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



55.2255, 0.3153, 0.3414



55.2255, 0.2981, 0.3237



55.2255, 0.3100, 0.3170



55.2255, 0.3276, 0.3341

Rectangle

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



55.2255, 0.3153, 0.3414



55.2255, 0.3031, 0.3329



55.2255, 0.3100, 0.3170



55.2255, 0.3223, 0.3251

Sweetspot

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



55.2279, 0.3153, 0.3414



99.0994, 0.3138, 0.3339



54.2196, 0.3205, 0.3364



21.2208, 0.3137, 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.



55.2279, 0.3153, 0.3414



97.3518, 0.3158, 0.3440



54.7552, 0.3114, 0.3402



12.2377, 0.3161, 0.3452



27.3949, 0.3247, 0.5804



1.3391, 0.3416, 0.5669

Inverse Universe

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



51.5031, 0.3100, 0.3167



89.4834, 0.3094, 0.3141



51.9945, 0.3141, 0.3180



11.1720, 0.3092, 0.3129



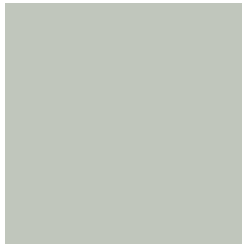
5.2502, 0.2241, 0.1008



0.2899, 0.2442, 0.1119

Previews

White Background



This preview shows how the Yxy color 55.2255, 0.3153, 0.3414 looks on a white background.

Color Contrast Check

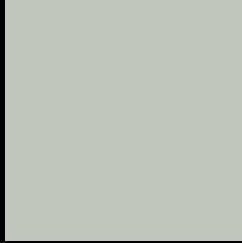
Large Text (above 18pt) WCAG AA × Fail

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 55.2255, 0.3153, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

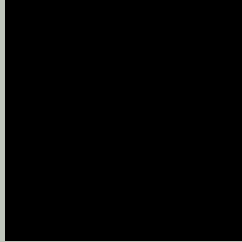
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

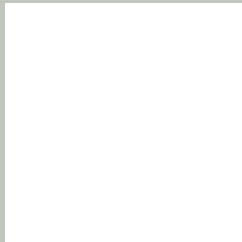
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2255, 0.3153, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 55.2255, 0.3153, 0.3414.



This preview shows how white text looks on a background with the Yxy color 55.2255, 0.3153, 0.3414.

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

55.2255, 0.3153, 0.3414

Protanopia

55.1319, 0.3252, 0.3399

Deuteranopia

54.8646, 0.3353, 0.3279



Tritanopia

55.2855, 0.3018, 0.3110

Trichromacy



Original Color

55.2255, 0.3153, 0.3414

Protanomaly

55.0735, 0.3210, 0.3400

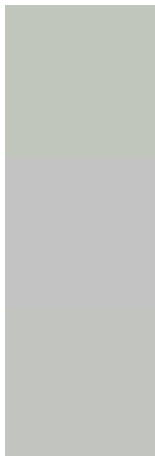
Deuteranomaly

54.7833, 0.3282, 0.3326

Tritanomaly

55.2135, 0.3068, 0.3217

Monochromacy



Original Color

55.2255, 0.3153, 0.3414

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.7550, 0.3141, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2255, 0.3153, 0.3414 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(192, 198, 188)` looks like.

```
.text, #text, p{  
    color:rgb(192, 198, 188)  
}
```

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(192, 198, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 198, 188) }
```

Border

The CSS property to change the border of an element to Yxy 55.2255, 0.3153, 0.3414 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(192, 198, 188) }
```

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

```
.border{ border-color:rgb(192, 198, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 198, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 198, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 198, 188);  
box-shadow:4px 4px 4px 4px rgb(192, 198,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2255, 0.3153, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 198, 188) }
```

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

```
.background{ background-color: rgb(192,  
198, 188) }
```

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