

Converting Colors

$Yxy(55.5464, 0.3111, 0.3263)$

Have a look what the booklet for
Yxy(55.5464, 0.3111, 0.3263)
contains.

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Color

Yxy(55.3391, 0.3105, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	C4C4C7
RGB	196, 196, 199
RGB Percent	77%, 77%, 78%
CMY	0.2315, 0.2313, 0.2197
CMYK	0.02, 0.01, 0.00, 0.22
HSL	239°, 3%, 77%
HSV	239°, 2%, 78%
XYZ	52.8051, 55.3391, 61.9206
YIQ	196.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

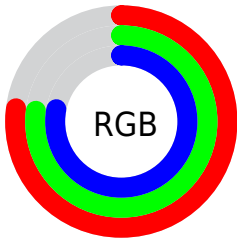
Format	Color
RYB	196, 196, 199
Decimal	12895431
CIELab	79.24, 0.54, -1.50
CIELCh	79, 1.593, 289.730
Yxy	55.3391, 0.3105, 0.3254
Android (android.graphics.Color)	4291085511 (0xFFC4C4C7)
YUV	196.3420, 1.3104, -0.2999
Hunter-Lab	74.3903, -3.4766, 2.7216

Details

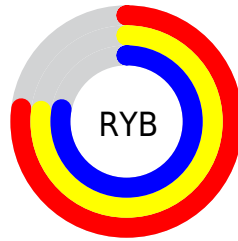
The Yxy color `55.3391, 0.3105, 0.3254` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `56.9397, 0.3149, 0.3326`, and the grayscale version is `55.4082, 0.3127, 0.3290`.

A 20% lighter version of the original color is `98.3532, 0.3116, 0.3271`, and `27.1411, 0.3098, 0.3241` is the 20% darker color. If you saturate the color by 10%, you get `44.5913, 0.2947, 0.2998`, and if you desaturate by 10%, it is `67.5958, 0.3243, 0.3478`.

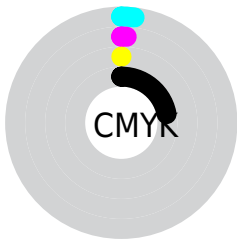
Distribution



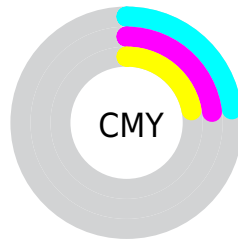
- Red (77%)
- Green (77%)
- Blue (78%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3391, 0.3105, 0.3254 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 55.3391, 0.3105, 0.3254 by changing the saturation by 10% instead.

■ 55.3391, 0.3105,
0.3254

■ 55.3391, 0.3105,
0.3254

407.1961, 0.3116,
0.3272

■ 39.6733, 0.3102,
0.3250

■ 98.0376, 0.3109,
0.3260

■ 27.2839, 0.3099,
0.3244

125.8391, 0.3110,
0.3263

■ 17.7866, 0.3095,
0.3237

158.4546, 0.3112,
0.3265

■ 10.7969, 0.3089,
0.3228

196.2685, 0.3113,
0.3266

■ 5.9304, 0.3080,
0.3214

239.6652, 0.3114,
0.3268

■ 2.8028, 0.3067,
0.3193

289.0291, 0.3114,

■ 1.0297, 0.3043,

0.3269

0.3155

344.7446, 0.3115,
0.3271

0.0000, 0.0000,
0.0000

55.3391, 0.3105,
0.3254

55.3391, 0.3105,
0.3254

44.5913, 0.2947,
0.2998

67.5958, 0.3243,
0.3478

35.2872, 0.2770,
0.2708

81.4092, 0.3362,
0.3671

27.3677, 0.2574,
0.2388

96.7080, 0.3461,
0.3837

20.7665, 0.2365,
0.2045

96.9028, 0.3460,
0.3840

15.4122, 0.2152,
0.1695

■ 11.2263, 0.1948,
0.1358

■ 8.1217, 0.1770,
0.1061

■ 5.9990, 0.1631,
0.0829

■ 4.7406, 0.1543,
0.0678

Harmonies

Analogous

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



55.3391, 0.3091, 0.3259



55.3391, 0.3105, 0.3254



55.3391, 0.3125, 0.3259

Triad

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



55.3391, 0.3105, 0.3254



55.3391, 0.3168, 0.3309



55.3391, 0.3108, 0.3308

Complementary

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



55.3391, 0.3105, 0.3254



56.9397, 0.3149, 0.3326

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.



55.3391, 0.3129, 0.3322



55.3391, 0.3105, 0.3254



55.3391, 0.3164, 0.3322

Square

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



55.3391, 0.3105, 0.3254



55.3391, 0.3162, 0.3290



55.3391, 0.3149, 0.3327



55.3391, 0.3093, 0.3290

Rectangle

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



55.3391, 0.3105, 0.3254



55.3391, 0.3139, 0.3267



55.3391, 0.3149, 0.3327



55.3391, 0.3115, 0.3313

Sweetspot

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



55.3415, 0.3105, 0.3254

100.0000, 0.3127, 0.3290



56.6887, 0.3104, 0.3291



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



55.3415, 0.3105, 0.3254



95.8886, 0.3097, 0.3242



55.5080, 0.3116, 0.3254



12.1174, 0.3100, 0.3245



2.7119, 0.1504, 0.0612



0.1388, 0.1516, 0.0656

Inverse Universe

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



55.5905, 0.3151, 0.3289



96.4704, 0.3159, 0.3289



56.7716, 0.3138, 0.3326



12.1852, 0.3156, 0.3289



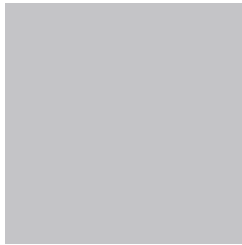
7.8138, 0.6380, 0.3288



0.3710, 0.6305, 0.3247

Previews

White Background



This preview shows how the Yxy color 55.3391, 0.3105, 0.3254 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 55.3391, 0.3105, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

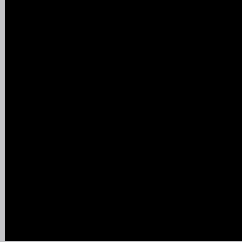
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

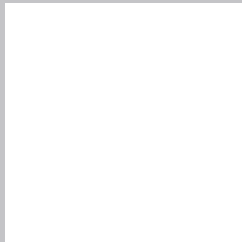
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3391, 0.3105, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 55.3391, 0.3105, 0.3254.

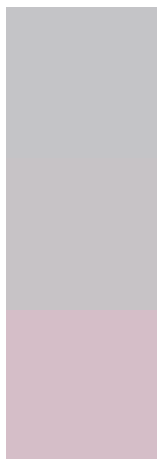


This preview shows how white text looks on a background with the Yxy color 55.3391, 0.3105, 0.3254.

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

55.3391, 0.3105, 0.3254

Protanopia

55.2495, 0.3137, 0.3254

Deuteranopia

55.1432, 0.3239, 0.3174



Tritanopia

55.2425, 0.3042, 0.3099

Trichromacy



Original Color

55.3391, 0.3105, 0.3254

Protanomaly

55.1132, 0.3129, 0.3254

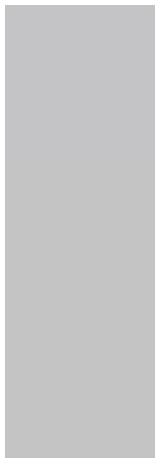
Deuteranomaly

55.1348, 0.3188, 0.3196

Tritanomaly

55.3568, 0.3063, 0.3158

Monochromacy



Original Color

55.3391, 0.3105, 0.3254

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2468, 0.3120, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3391, 0.3105, 0.3254 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(196, 196, 199)` looks like.

```
.text, #text, p{  
    color:rgb(196, 196, 199)  
}
```

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(196, 196, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 196, 199) }
```

Border

The CSS property to change the border of an element to Yxy 55.3391, 0.3105, 0.3254 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(196, 196, 199) }
```

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

```
.border{ border-color:rgb(196, 196, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 196, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 196, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 196, 199);  
box-shadow:4px 4px 4px 4px rgb(196, 196,  
199) }
```

Background

The CSS property to change the background color of an element to Yxy 55.3391, 0.3105, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 196, 199) }
```

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

```
.background{ background-color: rgb(196,  
196, 199) }
```

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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