

Converting Colors

$Y_{xy}(55.7979, 0.3157, 0.3254)$

Have a look what the booklet for
Yxy(55.7979, 0.3157, 0.3254)
contains.

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Color

Yxy(55.6640, 0.3161, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	CAC3C6
RGB	202, 195, 198
RGB Percent	79%, 76%, 78%
CMY	0.2077, 0.2353, 0.2235
CMYK	0.00, 0.03, 0.02, 0.21
HSL	334°, 6%, 78%
HSV	334°, 3%, 79%
XYZ	54.0731, 55.6640, 61.3262
YIQ	197.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

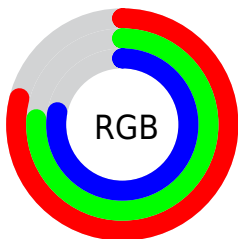
Format	Color
R _{YB}	202, 195, 198
Decimal	13288390
CIE Lab	79.42, 3.00, -0.65
CIE LCh	79, 3.069, 347.835
Yxy	55.6640, 0.3161, 0.3254
Android (android.graphics.Color)	4291478470 (0xFFCAC3C6)
YUV	197.4350, 0.2785, 4.0035
Hunter-Lab	74.6083, -1.1949, 3.4909

Details

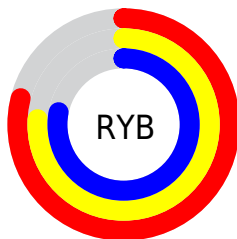
The Yxy color **55.6640, 0.3161, 0.3254** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9834, 0.3095, 0.3326**, and the grayscale version is **56.1125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **27.3593, 0.3173, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **46.7046, 0.3272, 0.3146**, and if you desaturate by 10%, it is **65.8938, 0.3070, 0.3355**.

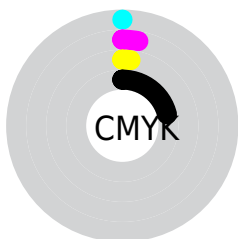
Distribution



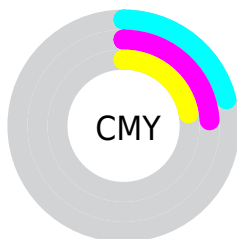
- Red (79%)
- Green (76%)
- Blue (78%)



- Red (79%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.6640, 0.3161, 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 55.6640, 0.3161, 0.3254 by changing the saturation by 10% instead.

■ 55.6640, 0.3161,
0.3254

■ 55.6640, 0.3161,
0.3254

408.4240, 0.3145,
0.3272

■ 39.9336, 0.3165,
0.3250

■ 98.5131, 0.3155,
0.3260

■ 27.4868, 0.3170,
0.3244

126.4007, 0.3153,
0.3263

■ 17.9391, 0.3176,
0.3238

159.1093, 0.3151,
0.3265

■ 10.9063, 0.3185,
0.3228

197.0236, 0.3149,
0.3266

■ 6.0039, 0.3198,
0.3215

240.5278, 0.3148,
0.3268

■ 2.8474, 0.3218,
0.3193

290.0063, 0.3147,

■ 1.0526, 0.3253,

0.3269

0.3156

345.8436, 0.3146,
0.3270

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.6640, 0.3161,
0.3254

55.6640, 0.3161,
0.3254

46.7046, 0.3272,
0.3146

65.8938, 0.3070,
0.3355

38.9586, 0.3406,
0.3033

77.4336, 0.2995,
0.3448

32.3754, 0.3568,
0.2918

89.9447, 0.2933,
0.3528

26.8979, 0.3761,
0.2805

90.6251, 0.2872,
0.3403

■ 22.4643, 0.3986,
0.2703

■ 91.3016, 0.2816,
0.3289

■ 19.0066, 0.4242,
0.2622

■ 16.4487, 0.4522,
0.2575

■ 14.7028, 0.4814,
0.2573

■ 13.6634, 0.5098,
0.2625

Harmonies

Analogous

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



55.6640, 0.3121, 0.3229



55.6640, 0.3161, 0.3254



55.6640, 0.3192, 0.3288

Triad

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



55.6640, 0.3161, 0.3254



55.6640, 0.3172, 0.3360



55.6640, 0.3049, 0.3256

Complementary

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



55.6640, 0.3161, 0.3254



57.9834, 0.3095, 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.



55.6640, 0.3062, 0.3292



55.6640, 0.3161, 0.3254



55.6640, 0.3133, 0.3352

Square

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



55.6640, 0.3161, 0.3254



55.6640, 0.3199, 0.3350



55.6640, 0.3093, 0.3327



55.6640, 0.3056, 0.3231

Rectangle

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



55.6640, 0.3161, 0.3254



55.6640, 0.3204, 0.3312



55.6640, 0.3093, 0.3327



55.6640, 0.3051, 0.3268

Sweetspot

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



55.6664, 0.3161, 0.3254



98.2903, 0.3137, 0.3280



55.4330, 0.3107, 0.3206



21.0562, 0.3136, 0.3280



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.



55.6664, 0.3161, 0.3254



93.2941, 0.3167, 0.3248



55.7392, 0.3183, 0.3296



12.2582, 0.3173, 0.3241



8.5353, 0.5242, 0.2661



0.4554, 0.4748, 0.2389

Inverse Universe

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



55.6664, 0.3161, 0.3254



93.2941, 0.3167, 0.3248



57.9050, 0.3073, 0.3284



12.2582, 0.3173, 0.3241



8.5353, 0.5242, 0.2661



0.4554, 0.4748, 0.2389

Previews

White Background



This preview shows how the Yxy color 55.6640, 0.3161, 0.3254 looks on a white background.

Color Contrast Check

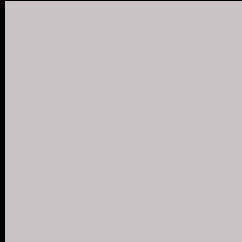
Large Text (above 18pt) WCAG AA × Fail

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 55.6640, 0.3161, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

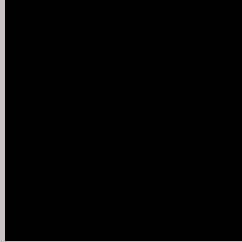
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

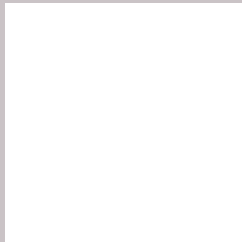
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6640, 0.3161, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 55.6640, 0.3161, 0.3254.

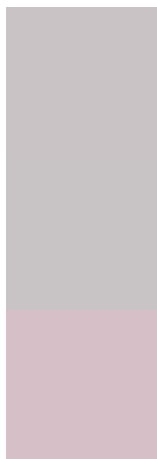


This preview shows how white text looks on a background with the Yxy color 55.6640, 0.3161, 0.3254.

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

55.6640, 0.3161, 0.3254

Protanopia

55.8364, 0.3144, 0.3266

Deuteranopia

55.8322, 0.3262, 0.3198



Tritanopia

55.5807, 0.3096, 0.3102

Trichromacy



Original Color

55.6640, 0.3161, 0.3254

Protanomaly

55.9746, 0.3152, 0.3266

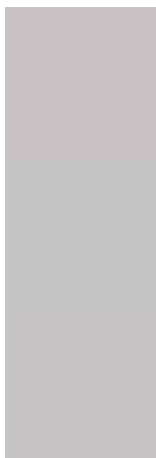
Deuteranomaly

55.5244, 0.3220, 0.3208

Tritanomaly

55.6879, 0.3117, 0.3160

Monochromacy



Original Color

55.6640, 0.3161, 0.3254

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.6532, 0.3144, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6640, 0.3161, 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(202, 195, 198)` looks like.

```
.text, #text, p{  
    color:rgb(202, 195, 198)  
}
```

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(202, 195, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 195, 198) }
```

Border

The CSS property to change the border of an element to Yxy 55.6640, 0.3161, 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(202, 195, 198) }
```

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

```
.border{ border-color:rgb(202, 195, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 195, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 195, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 195, 198); box-shadow:4px 4px 4px 4px rgb(202, 195, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6640, 0.3161, 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(202, 195, 198) }
```

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

```
.background{ background-color: rgb(202,  
195, 198) }
```

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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