

Converting Colors

$Y_{xy}(55.0209, 0.3105, 0.3278)$

Have a look what the booklet for
Yxy(55.0209, 0.3105, 0.3278)
contains.

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Color

Yxy(54.9804, 0.3104, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C2C4C5
RGB	194, 196, 197
RGB Percent	76%, 77%, 77%
CMY	0.2393, 0.2313, 0.2275
CMYK	0.02, 0.00, 0.00, 0.23
HSL	200°, 3%, 77%
HSV	200°, 2%, 77%
XYZ	52.0620, 54.9804, 60.6831
YIQ	195.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

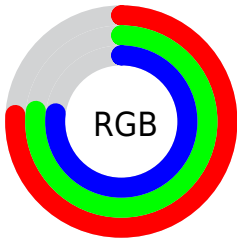
Format	Color
RYB	194, 195, 197
Decimal	12764357
CIELab	79.03, -0.51, -0.74
CIElCh	79, 0.902, 235.515
Yxy	54.9804, 0.3104, 0.3278
Android (android.graphics.Color)	4290954437 (0xFFC2C4C5)
YUV	195.5160, 0.7316, -1.3295
Hunter-Lab	74.1488, -4.4304, 3.3814

Details

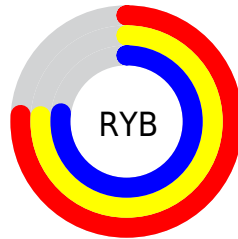
The Yxy color **54.9804, 0.3104, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7768, 0.3151, 0.3302**, and the grayscale version is **54.8930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7303, 0.3103, 0.3280**, and **26.9046, 0.3096, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **49.7157, 0.2951, 0.3194**, and if you desaturate by 10%, it is **60.7190, 0.3255, 0.3353**.

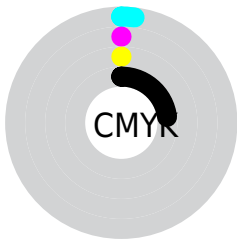
Distribution



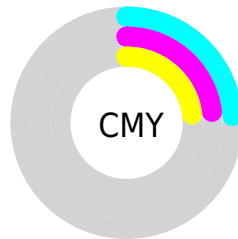
- Red (76%)
- Green (77%)
- Blue (77%)



- Red (76%)
- Yellow (76%)
- Blue (77%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9804, 0.3104, 0.3278 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 54.9804, 0.3104, 0.3278 by changing the saturation by 10% instead.

■ 54.9804, 0.3104,
0.3278

■ 54.9804, 0.3104,
0.3278

405.8376, 0.3115,
0.3284

■ 39.3860, 0.3101,
0.3277

■ 97.5122, 0.3108,
0.3280

■ 27.0602, 0.3098,
0.3275

125.2185, 0.3110,
0.3281

■ 17.6184, 0.3093,
0.3272

157.7308, 0.3111,
0.3282

■ 10.6764, 0.3087,
0.3269

195.4337, 0.3112,
0.3282

■ 5.8497, 0.3078,
0.3264

238.7114, 0.3113,
0.3283

■ 2.7539, 0.3064,
0.3257

287.9483, 0.3114,

■ 1.0046, 0.3039,

0.3283

0.3243

343.5289, 0.3115,
0.3284

0.0000, 0.0000,
0.0000

54.9804, 0.3104,
0.3278

54.9804, 0.3104,
0.3278

49.7157, 0.2951,
0.3194

60.7190, 0.3255,
0.3353

44.9027, 0.2797,
0.3102

66.9385, 0.3401,
0.3420

40.5279, 0.2646,
0.3002

73.6550, 0.3541,
0.3479

36.5743, 0.2501,
0.2894

77.3516, 0.3542,
0.3542

33.0235, 0.2366,
0.2779

80.8157, 0.3528,
0.3606

■ 29.8556, 0.2243,
0.2659

■ 84.4108, 0.3514,
0.3668

■ 27.0485, 0.2137,
0.2535

■ 88.1380, 0.3501,
0.3729

■ 24.5769, 0.2050,
0.2411

■ 91.9989, 0.3488,
0.3789

■ 22.4114, 0.1984,
0.2288

■ 95.9947, 0.3475,
0.3848

Harmonies

Analogous

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



54.9804, 0.3107, 0.3288



54.9804, 0.3104, 0.3278



54.9804, 0.3108, 0.3271

Triad

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



54.9804, 0.3104, 0.3278



54.9804, 0.3140, 0.3282



54.9804, 0.3138, 0.3311

Complementary

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



54.9804, 0.3104, 0.3278



54.7768, 0.3151, 0.3302

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.



54.9804, 0.3147, 0.3309



54.9804, 0.3104, 0.3278



54.9804, 0.3148, 0.3292

Square

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



54.9804, 0.3104, 0.3278



54.9804, 0.3128, 0.3274



54.9804, 0.3151, 0.3302



54.9804, 0.3126, 0.3307

Rectangle

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



54.9804, 0.3104, 0.3278



54.9804, 0.3113, 0.3270



54.9804, 0.3151, 0.3302



54.9804, 0.3141, 0.3311

Sweetspot

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



54.9828, 0.3104, 0.3278

100.0000, 0.3127, 0.3290



55.3315, 0.3118, 0.3315



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.



54.9828, 0.3104, 0.3278



97.9909, 0.3096, 0.3274



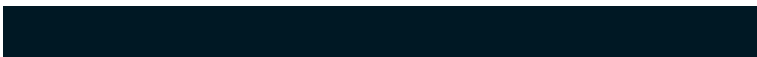
54.3211, 0.3105, 0.3260



12.3626, 0.3099, 0.3275



13.8205, 0.1945, 0.2201



0.7821, 0.2015, 0.2454

Inverse Universe

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



54.4322, 0.3136, 0.3265



96.6826, 0.3139, 0.3257



55.4403, 0.3150, 0.3320



12.2100, 0.3138, 0.3260



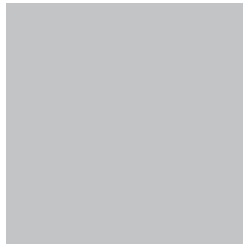
8.9352, 0.4232, 0.2105



0.4360, 0.3968, 0.1959

Previews

White Background



This preview shows how the Yxy color 54.9804, 0.3104, 0.3278 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 54.9804, 0.3104, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

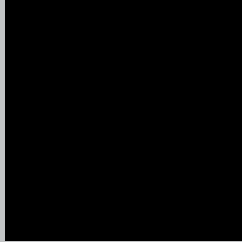
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

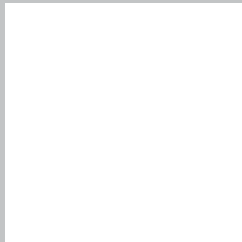
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9804, 0.3104, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 54.9804, 0.3104, 0.3278.

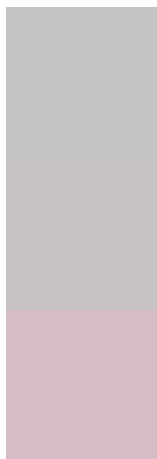


This preview shows how white text looks on a background with the Yxy color 54.9804, 0.3104, 0.3278.

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

54.9804, 0.3104, 0.3278

Protanopia

55.1578, 0.3152, 0.3278

Deuteranopia

54.6185, 0.3256, 0.3185



Tritanopia

54.9228, 0.3033, 0.3110

Trichromacy



Original Color

54.9804, 0.3104, 0.3278

Protanomaly

54.8861, 0.3136, 0.3278

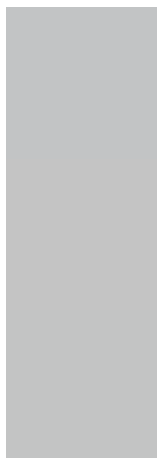
Deuteranomaly

54.8983, 0.3195, 0.3219

Tritanomaly

55.0401, 0.3054, 0.3169

Monochromacy



Original Color

54.9804, 0.3104, 0.3278

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.0675, 0.3119, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9804, 0.3104, 0.3278 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(194, 196, 197)` looks like.

```
.text, #text, p{  
    color:rgb(194, 196, 197)  
}
```

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(194, 196, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 196, 197) }
```

Border

The CSS property to change the border of an element to Yxy 54.9804, 0.3104, 0.3278 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(194, 196, 197) }
```

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

```
.border{ border-color:rgb(194, 196, 197) }
```

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

Here you see how a box with a 4 pixel rgb(194, 196, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 196, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 196, 197);  
box-shadow:4px 4px 4px 4px rgb(194, 196,  
197) }
```

Background

The CSS property to change the background color of an element to Yxy 54.9804, 0.3104, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 196, 197) }
```

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

```
.background{ background-color: rgb(194,  
196, 197) }
```

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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