

Converting Colors

$Y_{xy}(55.1051, 0.3161, 0.3350)$

Have a look what the booklet for
Yxy(55.1051, 0.3161, 0.3350)
contains.

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Color

Yxy(54.9772, 0.3164, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	C4C4BF
RGB	196, 196, 191
RGB Percent	77%, 77%, 75%
CMY	0.2314, 0.2314, 0.2509
CMYK	0.00, 0.00, 0.03, 0.23
HSL	60°, 4%, 76%
HSV	60°, 3%, 77%
XYZ	51.9092, 54.9772, 57.1756
YIQ	195.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

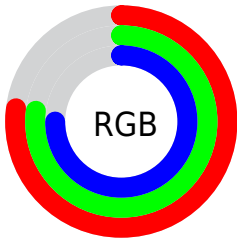
Format	Color
RYB	191, 196, 191
Decimal	12895423
CIELab	79.03, -0.90, 2.49
CIElCh	79, 2.646, 109.958
Yxy	54.9772, 0.3164, 0.3351
Android (android.graphics.Color)	4291085503 (0xFFC4C4BF)
YUV	195.4300, -2.1840, 0.4999
Hunter-Lab	74.1466, -4.7907, 6.1832

Details

The Yxy color **54.9772, 0.3164, 0.3351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3352, 0.3090, 0.3228**, and the grayscale version is **54.8570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8486, 0.3162, 0.3348**, and **26.9318, 0.3167, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **54.1686, 0.3312, 0.3596**, and if you desaturate by 10%, it is **55.9061, 0.3022, 0.3116**.

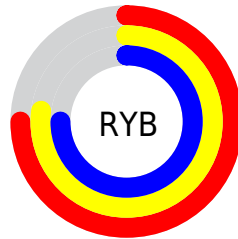
Distribution



Red (77%)

Green (77%)

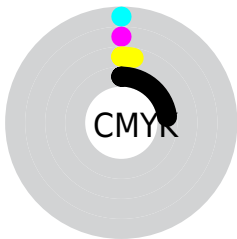
Blue (75%)



Red (75%)

Yellow (77%)

Blue (75%)

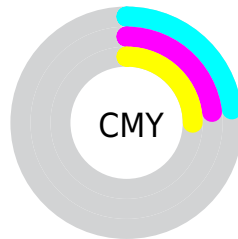


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (23%)



Cyan (23%)

Magenta (23%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9772, 0.3164, 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 54.9772, 0.3164, 0.3351 by changing the saturation by 10% instead.

■ 54.9772, 0.3164,
0.3351

■ 54.9772, 0.3164,
0.3351

405.8255, 0.3146,
0.3321

■ 39.3835, 0.3168,
0.3358

■ 97.5075, 0.3158,
0.3340

■ 27.0582, 0.3174,
0.3367

125.2130, 0.3155,
0.3336

■ 17.6169, 0.3181,
0.3379

157.7244, 0.3153,
0.3333

■ 10.6753, 0.3191,
0.3396

195.4262, 0.3151,
0.3330

■ 5.8489, 0.3205,
0.3419

238.7028, 0.3150,
0.3327

■ 2.7534, 0.3226,
0.3456

287.9387, 0.3148,

■ 1.0044, 0.3267,

0.3325

0.3525

343.5181, 0.3147,
0.3323

0.0000, 0.0000,
0.0000

54.9772, 0.3164,
0.3351

54.9772, 0.3164,
0.3351

54.1686, 0.3312,
0.3596

55.9061, 0.3022,
0.3116

53.4685, 0.3463,
0.3846

56.9524, 0.2888,
0.2894

52.8745, 0.3612,
0.4093

58.1225, 0.2764,
0.2688

52.3814, 0.3753,
0.4328

58.4566, 0.2733,
0.2636

51.9836, 0.3882,
0.4541

58.4614, 0.2733,
0.2636

■ 51.6747, 0.3992,
0.4724

■ 58.4663, 0.2733,
0.2636

■ 51.4479, 0.4079,
0.4869

■ 58.4711, 0.2733,
0.2636

■ 51.2952, 0.4140,
0.4971

■ 58.4760, 0.2733,
0.2636

■ 51.2070, 0.4176,
0.5031

■ 58.4808, 0.2734,
0.2636

Harmonies

Analogous

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



54.9772, 0.3188, 0.3343



54.9772, 0.3164, 0.3351



54.9772, 0.3130, 0.3343

Triad

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



54.9772, 0.3164, 0.3351



54.9772, 0.3059, 0.3259



54.9772, 0.3159, 0.3261

Complementary

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



54.9772, 0.3164, 0.3351



52.3352, 0.3090, 0.3228

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.



54.9772, 0.3124, 0.3239



54.9772, 0.3164, 0.3351



54.9772, 0.3067, 0.3237

Square

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



54.9772, 0.3164, 0.3351



54.9772, 0.3070, 0.3289



54.9772, 0.3090, 0.3230



54.9772, 0.3185, 0.3291

Rectangle

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



54.9772, 0.3164, 0.3351



54.9772, 0.3107, 0.3329



54.9772, 0.3090, 0.3230



54.9772, 0.3148, 0.3252

Sweetspot

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



54.9796, 0.3164, 0.3351



99.8360, 0.3142, 0.3314



52.7683, 0.3168, 0.3290



21.3707, 0.3141, 0.3313



0.0000, 0.0000, 0.0000



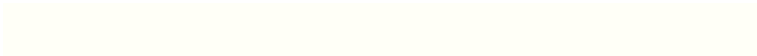
21.4041, 0.3127, 0.3290

Same Dimension

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



54.9796, 0.3164, 0.3351



99.5144, 0.3171, 0.3363



54.6492, 0.3144, 0.3351



11.8572, 0.3182, 0.3380



32.8777, 0.4190, 0.5055



1.4209, 0.4191, 0.5054

Inverse Universe

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



52.3352, 0.3090, 0.3228



93.7962, 0.3082, 0.3216



52.6601, 0.3110, 0.3229



11.0229, 0.3072, 0.3198



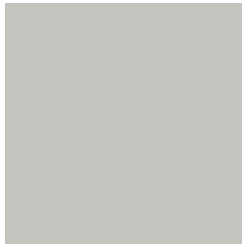
2.5628, 0.1501, 0.0600



0.1110, 0.1503, 0.0602

Previews

White Background



This preview shows how the Yxy color 54.9772, 0.3164, 0.3351 looks on a white background.

Color Contrast Check

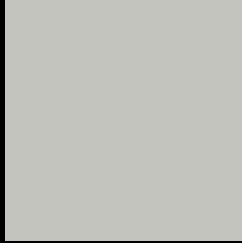
Large Text (above 18pt) WCAG AA × Fail

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 54.9772, 0.3164, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

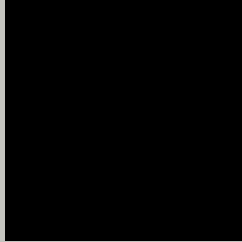
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

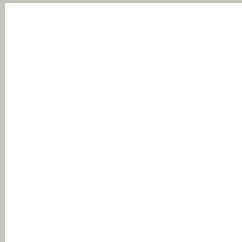
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9772, 0.3164, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 54.9772, 0.3164, 0.3351.



This preview shows how white text looks on a background with the Yxy color 54.9772, 0.3164, 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

54.9772, 0.3164, 0.3351

Protanopia

55.0273, 0.3205, 0.3351

Deuteranopia

54.7999, 0.3329, 0.3256



Tritanopia

54.8855, 0.3057, 0.3099

Trichromacy



Original Color

54.9772, 0.3164, 0.3351

Protanomaly

54.8900, 0.3197, 0.3351

Deuteranomaly

55.0604, 0.3266, 0.3290

Tritanomaly

54.8536, 0.3100, 0.3194

Monochromacy



Original Color

54.9772, 0.3164, 0.3351

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.5274, 0.3135, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9772, 0.3164, 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(196, 196, 191)` looks like.

```
.text, #text, p{  
    color:rgb(196, 196, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 196, 191) }
```

Border

The CSS property to change the border of an element to Yxy 54.9772, 0.3164, 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(196, 196, 191) }
```

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

```
.border{ border-color:rgb(196, 196, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 196, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 196, 191);  
box-shadow:4px 4px 4px 4px rgb(196, 196,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9772, 0.3164, 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(196, 196, 191) }
```

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

```
.background{ background-color: rgb(196,  
196, 191) }
```

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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