

Converting Colors

Yxy(54.7550, 0.3166, 0.3340)

Have a look what the booklet for
Yxy(54.7550, 0.3166, 0.3340)
contains.

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Color

Yxy(54.5276, 0.3165, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	C4C3BF
RGB	196, 195, 191
RGB Percent	77%, 76%, 75%
CMY	0.2313, 0.2353, 0.2510
CMYK	0.00, 0.01, 0.03, 0.23
HSL	48°, 4%, 76%
HSV	48°, 3%, 77%
XYZ	51.6861, 54.5276, 57.0915
YIQ	194.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

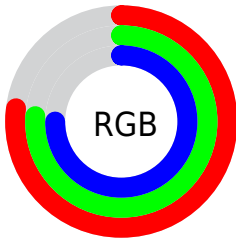
Format	Color
RYB	192, 196, 191
Decimal	12895167
CIELab	78.77, -0.37, 2.12
CIELCh	79, 2.151, 99.909
Yxy	54.5276, 0.3165, 0.3339
Android (android.graphics.Color)	4291085247 (0xFFC4C3BF)
YUV	194.8430, -1.8946, 1.0147
Hunter-Lab	73.8428, -4.2843, 5.8500

Details

The Yxy color $54.5276, 0.3165, 0.3339$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.7672, 0.3089, 0.3241$, and the grayscale version is $54.4877, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.2189, 0.3163, 0.3338$, and $26.6355, 0.3168, 0.3340$ is the 20% darker color. If you saturate the color by 10%, you get $51.9766, 0.3320, 0.3537$, and if you desaturate by 10%, it is $57.2456, 0.3022, 0.3151$.

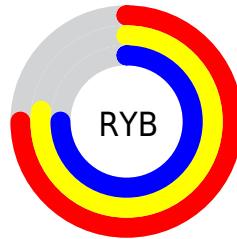
Distribution



Red (77%)

Green (76%)

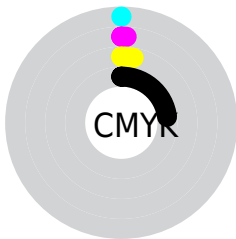
Blue (75%)



Red (75%)

Yellow (77%)

Blue (75%)

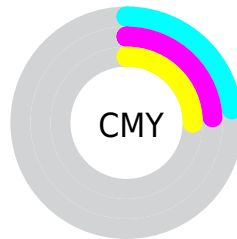


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (23%)



Cyan (23%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5276, 0.3165, 0.3339 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 54.5276, 0.3165, 0.3339 by changing the saturation by 10% instead.

■ 54.5276, 0.3165,
0.3339

■ 54.5276, 0.3165,
0.3339

404.1187, 0.3147,
0.3315

■ 39.0236, 0.3169,
0.3345

■ 96.8485, 0.3158,
0.3330

■ 26.7781, 0.3175,
0.3352

124.4342, 0.3156,
0.3327

■ 17.4066, 0.3182,
0.3362

156.8159, 0.3154,
0.3325

■ 10.5248, 0.3193,
0.3375

194.3780, 0.3152,
0.3322

■ 5.7483, 0.3207,
0.3394

237.5050, 0.3150,
0.3320

■ 2.6926, 0.3230,
0.3424

286.5812, 0.3149,

■ 0.9735, 0.3273,

0.3318

0.3479

341.9909, 0.3148,
0.3317

0.0000, 0.0000,
0.0000

54.5276, 0.3165,
0.3339

54.5276, 0.3165,
0.3339

51.9766, 0.3320,
0.3537

57.2456, 0.3022,
0.3151

49.5808, 0.3486,
0.3741

60.1283, 0.2891,
0.2975

47.3371, 0.3660,
0.3946

63.1824, 0.2772,
0.2812

45.2402, 0.3837,
0.4145

65.4491, 0.2745,
0.2804

43.2838, 0.4012,
0.4328

67.4341, 0.2749,
0.2849

■ 41.4615, 0.4178,
0.4487

■ 69.4676, 0.2752,
0.2894

■ 39.7658, 0.4326,
0.4610

■ 71.5501, 0.2756,
0.2938

■ 38.1886, 0.4450,
0.4691

■ 73.6818, 0.2759,
0.2982

■ 36.7197, 0.4546,
0.4725

■ 75.8630, 0.2763,
0.3026

Harmonies

Analogous

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



54.5276, 0.3181, 0.3328



54.5276, 0.3165, 0.3339



54.5276, 0.3139, 0.3337

Triad

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



54.5276, 0.3165, 0.3339



54.5276, 0.3073, 0.3273



54.5276, 0.3144, 0.3259

Complementary

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



54.5276, 0.3165, 0.3339



52.7672, 0.3089, 0.3241

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.



54.5276, 0.3115, 0.3244



54.5276, 0.3165, 0.3339



54.5276, 0.3074, 0.3252

Square

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



54.5276, 0.3165, 0.3339



54.5276, 0.3086, 0.3298



54.5276, 0.3090, 0.3242



54.5276, 0.3168, 0.3282

Rectangle

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



54.5276, 0.3165, 0.3339



54.5276, 0.3120, 0.3328



54.5276, 0.3090, 0.3242



54.5276, 0.3134, 0.3253

Sweetspot

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



54.5300, 0.3165, 0.3339



99.5093, 0.3142, 0.3309



52.8096, 0.3160, 0.3277



21.3043, 0.3141, 0.3308



0.0000, 0.0000, 0.0000



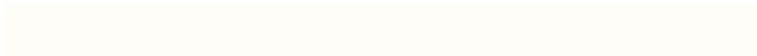
21.4041, 0.3127, 0.3290

Same Dimension

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



54.5300, 0.3165, 0.3339



98.5371, 0.3172, 0.3349



54.7945, 0.3153, 0.3351



11.7141, 0.3183, 0.3362



23.0492, 0.4596, 0.4733



1.0855, 0.4490, 0.4817

Inverse Universe

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



52.7672, 0.3089, 0.3241



94.7425, 0.3082, 0.3231



52.5102, 0.3101, 0.3228



11.1604, 0.3071, 0.3217



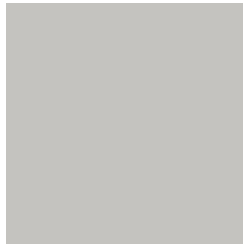
3.6146, 0.1559, 0.0813



0.2557, 0.1674, 0.1226

Previews

White Background



This preview shows how the Yxy color 54.5276, 0.3165, 0.3339 looks on a white background.

Color Contrast Check

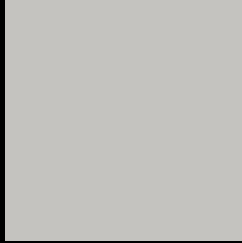
Large Text (above 18pt) WCAG AA × Fail

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 54.5276, 0.3165, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

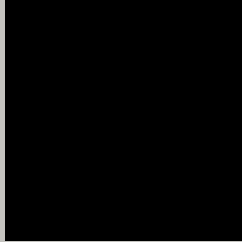
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

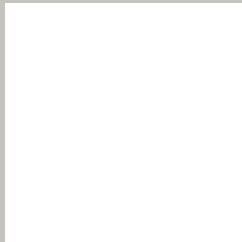
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5276, 0.3165, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 54.5276, 0.3165, 0.3339.



This preview shows how white text looks on a background with the Yxy color 54.5276, 0.3165, 0.3339.

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

54.5276, 0.3165, 0.3339

Protanopia

54.4434, 0.3198, 0.3339

Deuteranopia

54.6480, 0.3320, 0.3255



Tritanopia

54.3955, 0.3064, 0.3099

Trichromacy



Original Color

54.5276, 0.3165, 0.3339

Protanomaly

54.3070, 0.3189, 0.3339

Deuteranomaly

54.4773, 0.3259, 0.3279

Tritanomaly

54.4100, 0.3100, 0.3182

Monochromacy



Original Color

54.5276, 0.3165, 0.3339

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 54.5276, 0.3165, 0.3339 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, 195, 191)` looks like.

```
.text, #text, p{  
    color:rgb(196, 195, 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, 195, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 195, 191) }
```

Border

The CSS property to change the border of an element to Yxy 54.5276, 0.3165, 0.3339 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, 195, 191) }
```

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

```
.border{ border-color:rgb(196, 195, 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, 195, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 195, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 195, 191);  
box-shadow:4px 4px 4px 4px rgb(196, 195,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5276, 0.3165, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 195, 191) }
```

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

```
.background{ background-color: rgb(196,  
195, 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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