

Converting Colors

Yxy(54.6502, 0.3157, 0.3322)

Have a look what the booklet for
Yxy(54.6502, 0.3157, 0.3322)
contains.

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Color

Yxy(54.5717, 0.3157, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	C4C3C0
RGB	196, 195, 192
RGB Percent	77%, 76%, 75%
CMY	0.2316, 0.2352, 0.2471
CMYK	0.00, 0.00, 0.02, 0.23
HSL	46°, 3%, 76%
HSV	46°, 2%, 77%
XYZ	51.7832, 54.5717, 57.6718
YIQ	194.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

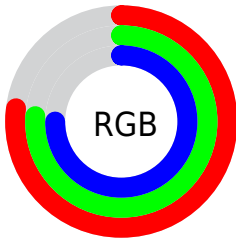
Format	Color
R_{YB}	193, 196, 192
Decimal	12895168
CIE Lab	78.79, -0.22, 1.62
CIE LCh	79, 1.634, 97.905
Yxy	54.5717, 0.3157, 0.3327
Android (android.graphics.Color)	4291085248 (0xFFC4C3C0)
YUV	194.9570, -1.4578, 0.9147
Hunter-Lab	73.8727, -4.1523, 5.4236

Details

The Yxy color **54.5717, 0.3157, 0.3327** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2944, 0.3097, 0.3253**, and the grayscale version is **54.5512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2808, 0.3157, 0.3329**, and **26.6646, 0.3158, 0.3323** is the 20% darker color. If you saturate the color by 10%, you get **51.7407, 0.3313, 0.3516**, and if you desaturate by 10%, it is **57.5860, 0.3014, 0.3147**.

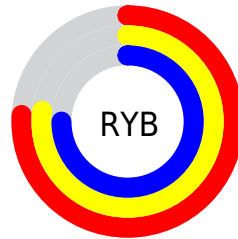
Distribution



Red (77%)

Green (76%)

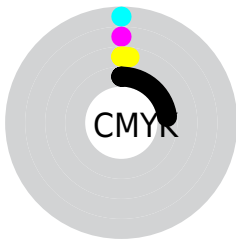
Blue (75%)



Red (76%)

Yellow (77%)

Blue (75%)

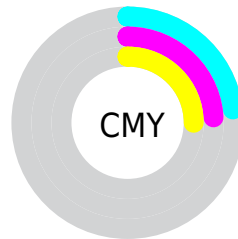


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (23%)



Cyan (23%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5717, 0.3157, 0.3327 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 54.5717, 0.3157, 0.3327 by changing the saturation by 10% instead.

■ 54.5717, 0.3157,
0.3327

■ 54.5717, 0.3157,
0.3327

404.2863, 0.3143,
0.3309

■ 39.0589, 0.3161,
0.3331

■ 96.9131, 0.3152,
0.3321

■ 26.8056, 0.3165,
0.3337

124.5106, 0.3150,
0.3318

■ 17.4272, 0.3171,
0.3344

156.9051, 0.3148,
0.3316

■ 10.5396, 0.3179,
0.3354

194.4809, 0.3147,
0.3314

■ 5.7582, 0.3190,
0.3368

237.6226, 0.3145,
0.3313

■ 2.6986, 0.3208,
0.3391

286.7145, 0.3144,

■ 0.9765, 0.3241,

0.3311

342.1409, 0.3143,
0.3310

0.3431

0.0000, 0.0000,
0.0000

54.5717, 0.3157,
0.3327

54.5717, 0.3157,
0.3327

51.7407, 0.3313,
0.3516

57.5860, 0.3014,
0.3147

49.0810, 0.3481,
0.3713

60.7814, 0.2884,
0.2980

46.5893, 0.3658,
0.3911

64.1649, 0.2767,
0.2824

44.2601, 0.3841,
0.4104

66.7105, 0.2747,
0.2833

42.0870, 0.4024,
0.4283

69.0525, 0.2751,
0.2885

■ 40.0633, 0.4200,
0.4438

■ 71.4603, 0.2755,
0.2936

■ 38.1816, 0.4361,
0.4559

■ 73.9341, 0.2759,
0.2987

■ 36.4333, 0.4500,
0.4638

■ 76.4747, 0.2763,
0.3038

■ 34.8083, 0.4609,
0.4669

■ 79.0825, 0.2767,
0.3088

Harmonies

Analogous

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



54.5717, 0.3168, 0.3318



54.5717, 0.3157, 0.3327



54.5717, 0.3138, 0.3326

Triad

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



54.5717, 0.3157, 0.3327



54.5717, 0.3086, 0.3278



54.5717, 0.3138, 0.3266

Complementary

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



54.5717, 0.3157, 0.3327



53.2944, 0.3097, 0.3253

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.



54.5717, 0.3117, 0.3255



54.5717, 0.3157, 0.3327



54.5717, 0.3087, 0.3262

Square

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



54.5717, 0.3157, 0.3327



54.5717, 0.3097, 0.3298



54.5717, 0.3098, 0.3254



54.5717, 0.3157, 0.3283

Rectangle

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



54.5717, 0.3157, 0.3327



54.5717, 0.3123, 0.3320



54.5717, 0.3098, 0.3254



54.5717, 0.3131, 0.3261

Sweetspot

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



54.5741, 0.3157, 0.3327



99.4571, 0.3142, 0.3309



53.2767, 0.3152, 0.3278



21.2936, 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.



54.5741, 0.3157, 0.3327



98.9175, 0.3157, 0.3327



54.8569, 0.3148, 0.3338



11.8090, 0.3155, 0.3324



21.7299, 0.4671, 0.4673



1.0383, 0.4544, 0.4774

Inverse Universe

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



53.2944, 0.3097, 0.3253



96.5775, 0.3097, 0.3252



53.0173, 0.3106, 0.3241



11.5515, 0.3099, 0.3255



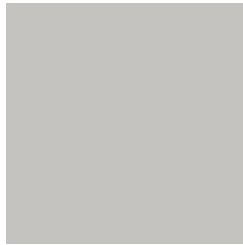
3.9189, 0.1576, 0.0872



0.2789, 0.1698, 0.1313

Previews

White Background



This preview shows how the Yxy color 54.5717, 0.3157, 0.3327 looks on a white background.

Color Contrast Check

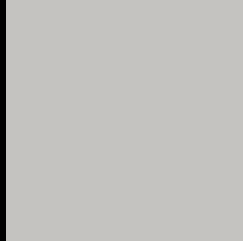
Large Text (above 18pt) WCAG AA × Fail

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 54.5717, 0.3157, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

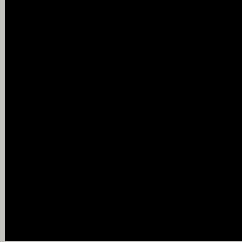
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

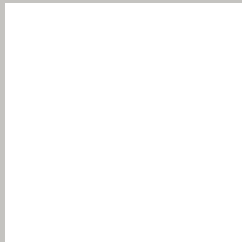
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5717, 0.3157, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 54.5717, 0.3157, 0.3327.



This preview shows how white text looks on a background with the Yxy color 54.5717, 0.3157, 0.3327.

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

54.5717, 0.3157, 0.3327

Protanopia

54.4873, 0.3190, 0.3327

Deuteranopia

54.5416, 0.3304, 0.3244



Tritanopia

54.6998, 0.3056, 0.3111

Trichromacy



Original Color

54.5717, 0.3157, 0.3327

Protanomaly

54.3509, 0.3182, 0.3327

Deuteranomaly

54.3773, 0.3243, 0.3267

Tritanomaly

54.7182, 0.3092, 0.3193

Monochromacy



Original Color

54.5717, 0.3157, 0.3327

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 54.5717, 0.3157, 0.3327 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(196, 195, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 195, 192) }
```

Border

The CSS property to change the border of an element to Yxy 54.5717, 0.3157, 0.3327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

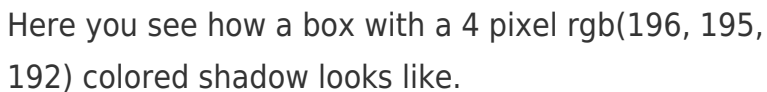
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 195, 192) }
```

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

```
.border{ border-color:rgb(196, 195, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 195, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 195, 192); box-shadow:4px 4px 4px 4px rgb(196, 195, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5717, 0.3157, 0.3327 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, 192) }
```

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

```
.background{ background-color: rgb(196,  
195, 192) }
```

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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