

Converting Colors

Yxy(57.2111, 0.3173, 0.3345)

Have a look what the booklet for
Yxy(57.2111, 0.3173, 0.3345)
contains.

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Color

Yxy(57.2045, 0.3172, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	C9C7C3
RGB	201, 199, 195
RGB Percent	79%, 78%, 76%
CMY	0.2118, 0.2196, 0.2353
CMYK	0.00, 0.01, 0.03, 0.21
HSL	40°, 5%, 78%
HSV	40°, 3%, 79%
XYZ	54.3597, 57.2045, 59.8094
YIQ	199.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

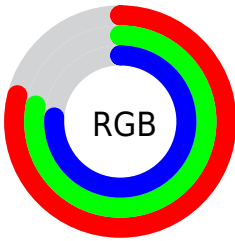
Format	Color
R_{YB}	198, 201, 195
Decimal	13223875
CIE Lab	80.29, -0.03, 2.23
CIE LCh	80, 2.230, 90.749
Yxy	57.2045, 0.3172, 0.3338
Android (android.graphics.Color)	4291413955 (0xFFC9C7C3)
YUV	199.1420, -2.0420, 1.6295
Hunter-Lab	75.6337, -4.0667, 6.0584

Details

The Yxy color **57.2045, 0.3172, 0.3338** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7480, 0.3083, 0.3242**, and the grayscale version is **57.2171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **28.3769, 0.3188, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **53.3582, 0.3333, 0.3505**, and if you desaturate by 10%, it is **61.3125, 0.3027, 0.3180**.

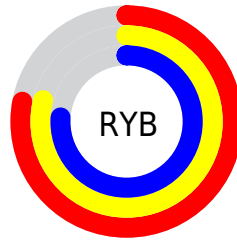
Distribution



Red (79%)

Green (78%)

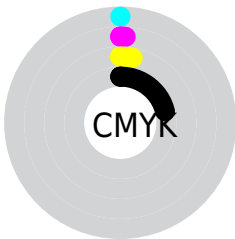
Blue (76%)



Red (78%)

Yellow (79%)

Blue (76%)

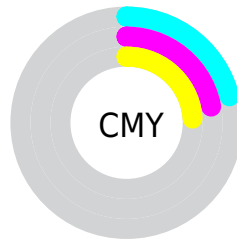


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (21%)



Cyan (21%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2045, 0.3172, 0.3338 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 57.2045, 0.3172, 0.3338 by changing the saturation by 10% instead.

■ 57.2045, 0.3172,
0.3338

■ 57.2045, 0.3172,
0.3338

414.2152, 0.3150,
0.3315

■ 41.1694, 0.3177,
0.3344

100.7635, 0.3164,
0.3330

■ 28.4515, 0.3184,
0.3351

129.0563, 0.3161,
0.3327

■ 18.6663, 0.3192,
0.3360

162.2037, 0.3159,
0.3324

■ 11.4294, 0.3204,
0.3372

200.5903, 0.3157,
0.3322

■ 6.3564, 0.3220,
0.3390

244.6003, 0.3155,
0.3320

■ 3.0630, 0.3246,
0.3417

294.6182, 0.3153,

■ 1.1647, 0.3291,

0.3318

351.0283, 0.3152,
0.3316

0.3465

0.0326, 0.4815,
0.5185

0.0000, 0.0000,
0.0000

57.2045, 0.3172,
0.3338

57.2045, 0.3172,
0.3338

53.3582, 0.3333,
0.3505

61.3125, 0.3027,
0.3180

49.7595, 0.3510,
0.3679

65.6809, 0.2897,
0.3033

46.4041, 0.3701,
0.3855

70.2986, 0.2783,
0.2900

43.2845, 0.3905,
0.4026

73.8455, 0.2789,
0.2974

■ 40.3930, 0.4114,
0.4185

■ 77.5333, 0.2794,
0.3047

■ 37.7211, 0.4323,
0.4321

■ 81.3633, 0.2799,
0.3119

■ 35.2595, 0.4520,
0.4422

■ 85.3373, 0.2804,
0.3191

■ 32.9976, 0.4697,
0.4478

■ 89.4566, 0.2809,
0.3261

■ 30.9233, 0.4844,
0.4485

■ 91.1563, 0.2811,
0.3289

Harmonies

Analogous

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



57.2045, 0.3184, 0.3323



57.2045, 0.3172, 0.3338



57.2045, 0.3148, 0.3340

Triad

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



57.2045, 0.3172, 0.3338



57.2045, 0.3075, 0.3280



57.2045, 0.3135, 0.3253

Complementary

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



57.2045, 0.3172, 0.3338



55.7480, 0.3083, 0.3242

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.



57.2045, 0.3106, 0.3241



57.2045, 0.3172, 0.3338



57.2045, 0.3071, 0.3257

Square

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



57.2045, 0.3172, 0.3338



57.2045, 0.3092, 0.3306



57.2045, 0.3083, 0.3243



57.2045, 0.3163, 0.3274

Rectangle

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



57.2045, 0.3172, 0.3338



57.2045, 0.3129, 0.3333



57.2045, 0.3083, 0.3243



57.2045, 0.3125, 0.3248

Sweetspot

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



57.2070, 0.3172, 0.3338



99.2986, 0.3142, 0.3306



55.4808, 0.3160, 0.3266



21.2614, 0.3142, 0.3305



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.



57.2070, 0.3172, 0.3338



97.2216, 0.3189, 0.3356



57.9883, 0.3163, 0.3362



12.1931, 0.3198, 0.3366



18.7646, 0.4919, 0.4476



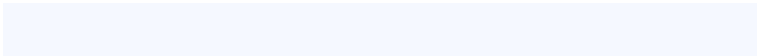
1.0174, 0.4732, 0.4625

Inverse Universe

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



55.7480, 0.3083, 0.3242



93.8431, 0.3066, 0.3224



54.9862, 0.3091, 0.3218



11.7033, 0.3056, 0.3213



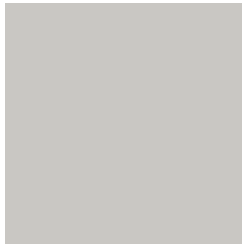
5.2999, 0.1636, 0.1090



0.3845, 0.1757, 0.1524

Previews

White Background



This preview shows how the Yxy color 57.2045, 0.3172, 0.3338 looks on a white background.

Color Contrast Check

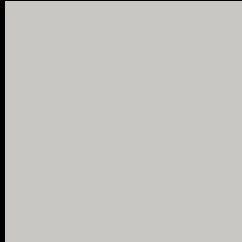
Large Text (above 18pt) WCAG AA × Fail

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 57.2045, 0.3172, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

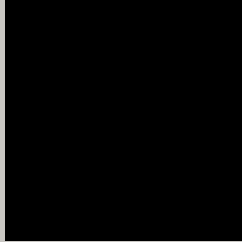
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

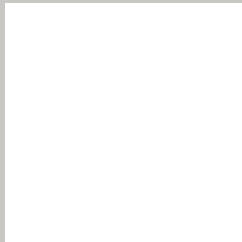
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2045, 0.3172, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 57.2045, 0.3172, 0.3338.



This preview shows how white text looks on a background with the Yxy color 57.2045, 0.3172, 0.3338.

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

57.2045, 0.3172, 0.3338

Protanopia

57.1657, 0.3197, 0.3326

Deuteranopia

57.1855, 0.3317, 0.3256



Tritanopia

57.0707, 0.3073, 0.3103

Trichromacy



Original Color

57.2045, 0.3172, 0.3338

Protanomaly

57.0248, 0.3189, 0.3326

Deuteranomaly

57.0128, 0.3257, 0.3279

Tritanomaly

57.0852, 0.3109, 0.3184

Monochromacy



Original Color

57.2045, 0.3172, 0.3338

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2034, 0.3142, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2045, 0.3172, 0.3338 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(201, 199, 195) looks like.

```
.text, #text, p{  
    color:rgb(201, 199, 195)  
}
```

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(201, 199, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 199, 195) }
```

Border

The CSS property to change the border of an element to Yxy 57.2045, 0.3172, 0.3338 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(201, 199, 195) }
```

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

```
.border{ border-color:rgb(201, 199, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 199, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 199, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 199, 195);  
box-shadow:4px 4px 4px 4px rgb(201, 199,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2045, 0.3172, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 199, 195) }
```

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

```
.background{ background-color: rgb(201,  
199, 195) }
```

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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