

Converting Colors

Yxy(57.5746, 0.3155, 0.3331)

Have a look what the booklet for
Yxy(57.5746, 0.3155, 0.3331)
contains.

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Color

Yxy(57.5734, 0.3156, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	C8C8C4
RGB	200, 200, 196
RGB Percent	78%, 78%, 77%
CMY	0.2158, 0.2156, 0.2313
CMYK	0.00, 0.00, 0.02, 0.22
HSL	60°, 4%, 78%
HSV	60°, 2%, 78%
XYZ	54.4343, 57.5734, 60.4710
YIQ	199.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

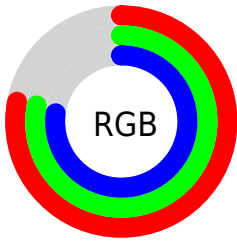
Format	Color
RYB	196, 200, 196
Decimal	13158596
CIELab	80.50, -0.73, 1.98
CIELCh	81, 2.115, 110.188
Yxy	57.5734, 0.3156, 0.3338
Android (android.graphics.Color)	4291348676 (0xFFC8C8C4)
YUV	199.5440, -1.7472, 0.3999
Hunter-Lab	75.8771, -4.7290, 5.8622

Details

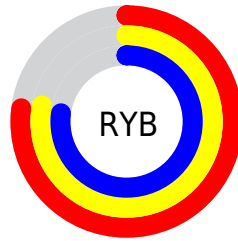
The Yxy color **57.5734, 0.3156, 0.3338** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3933, 0.3098, 0.3242**, and the grayscale version is **57.4743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **28.6218, 0.3166, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **56.7065, 0.3303, 0.3583**, and if you desaturate by 10%, it is **58.5667, 0.3015, 0.3103**.

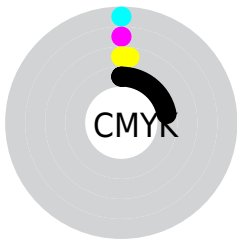
Distribution



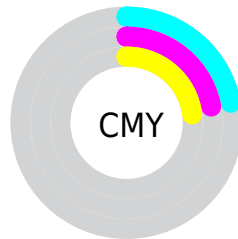
- Red (78%)
- Green (78%)
- Blue (77%)



- Red (77%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (22%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5734, 0.3156, 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 57.5734, 0.3156, 0.3338 by changing the saturation by 10% instead.

■ 57.5734, 0.3156,
0.3338

■ 57.5734, 0.3156,
0.3338

415.5944, 0.3142,
0.3315

■ 41.4658, 0.3159,
0.3344

101.3014, 0.3151,
0.3330

■ 28.6832, 0.3163,
0.3351

129.6905, 0.3149,
0.3327

■ 18.8413, 0.3169,
0.3360

162.9423, 0.3148,
0.3324

■ 11.5557, 0.3176,
0.3372

201.4411, 0.3146,
0.3322

■ 6.4419, 0.3187,
0.3390

245.5713, 0.3145,
0.3320

■ 3.1156, 0.3203,
0.3417

295.7173, 0.3144,

■ 1.1924, 0.3231,

0.3318

0.3466

352.2636, 0.3143,
0.3316

0.0555, 0.3862,
0.6138

0.0000, 0.0000,
0.0000

57.5734, 0.3156,
0.3338

57.5734, 0.3156,
0.3338

56.7065, 0.3303,
0.3583

58.5667, 0.3015,
0.3103

55.9538, 0.3453,
0.3834

59.6834, 0.2882,
0.2882

55.3127, 0.3602,
0.4082

60.8653, 0.2764,
0.2687

54.7778, 0.3743,
0.4318

60.8837, 0.2765,
0.2687

■ 54.3430, 0.3872,
0.4534

■ 60.9021, 0.2766,
0.2687

■ 54.0020, 0.3982,
0.4719

■ 60.9206, 0.2767,
0.2687

■ 53.7474, 0.4069,
0.4867

■ 60.9390, 0.2768,
0.2687

■ 53.5711, 0.4131,
0.4972

■ 60.9575, 0.2769,
0.2687

■ 53.4629, 0.4167,
0.5035

■ 60.9760, 0.2770,
0.2688

Harmonies

Analogous

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



57.5734, 0.3175, 0.3332



57.5734, 0.3156, 0.3338



57.5734, 0.3129, 0.3331

Triad

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



57.5734, 0.3156, 0.3338



57.5734, 0.3074, 0.3266



57.5734, 0.3152, 0.3267

Complementary

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



57.5734, 0.3156, 0.3338



55.3933, 0.3098, 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.



57.5734, 0.3125, 0.3250



57.5734, 0.3156, 0.3338



57.5734, 0.3080, 0.3249

Square

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



57.5734, 0.3156, 0.3338



57.5734, 0.3082, 0.3289



57.5734, 0.3098, 0.3243



57.5734, 0.3173, 0.3291

Rectangle

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



57.5734, 0.3156, 0.3338



57.5734, 0.3111, 0.3320



57.5734, 0.3098, 0.3243



57.5734, 0.3144, 0.3260

Sweetspot

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



57.5759, 0.3156, 0.3338



99.8336, 0.3142, 0.3314



55.7490, 0.3159, 0.3290



21.3703, 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.



57.5759, 0.3156, 0.3338



99.6694, 0.3156, 0.3339



57.3057, 0.3141, 0.3338



12.5582, 0.3154, 0.3335



33.9585, 0.4182, 0.5062



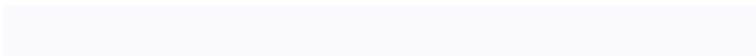
1.6091, 0.4184, 0.5060

Inverse Universe

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



55.3933, 0.3098, 0.3242



95.8409, 0.3098, 0.3241



55.6600, 0.3114, 0.3242



12.1118, 0.3100, 0.3245



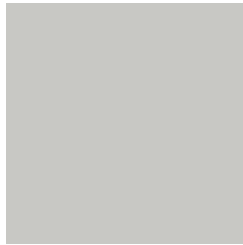
2.6585, 0.1503, 0.0601



0.1271, 0.1511, 0.0606

Previews

White Background



This preview shows how the Yxy color 57.5734, 0.3156, 0.3338 looks on a white background.

Color Contrast Check

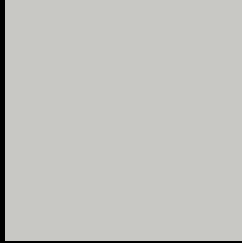
Large Text (above 18pt) WCAG AA × Fail

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 57.5734, 0.3156, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

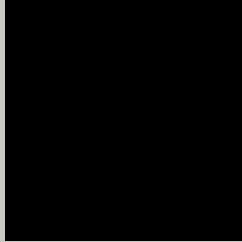
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

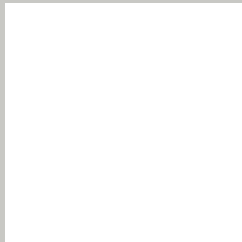
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.5734, 0.3156, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 57.5734, 0.3156, 0.3338.



This preview shows how white text looks on a background with the Yxy color 57.5734, 0.3156, 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

57.5734, 0.3156, 0.3338

Protanopia

57.6243, 0.3196, 0.3338

Deuteranopia

57.3868, 0.3317, 0.3245



Tritanopia

57.4331, 0.3058, 0.3103

Trichromacy



Original Color

57.5734, 0.3156, 0.3338

Protanomaly

57.4835, 0.3188, 0.3338

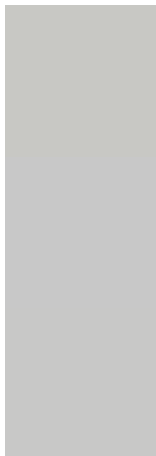
Deuteranomaly

57.6572, 0.3256, 0.3279

Tritanomaly

57.4497, 0.3093, 0.3184

Monochromacy



Original Color

57.5734, 0.3156, 0.3338

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7114, 0.3134, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5734, 0.3156, 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(200, 200, 196)` looks like.

```
.text, #text, p{  
    color:rgb(200, 200, 196)  
}
```

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(200, 200, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 200, 196) }
```

Border

The CSS property to change the border of an element to Yxy 57.5734, 0.3156, 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(200, 200, 196) }
```

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

```
.border{ border-color:rgb(200, 200, 196) }
```

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

Here you see how a box with a 4 pixel rgb(200, 200, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 200, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 200, 196);  
box-shadow:4px 4px 4px 4px rgb(200, 200,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5734, 0.3156, 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(200, 200, 196) }
```

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

```
.background{ background-color: rgb(200,  
200, 196) }
```

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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