

Converting Colors

$Yxy(57.6021, 0.3186, 0.3282)$

Have a look what the booklet for
Yxy(57.6021, 0.3186, 0.3282)
contains.

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Color

Yxy(57.6335, 0.3183, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	CEC6C7
RGB	206, 198, 199
RGB Percent	81%, 78%, 78%
CMY	0.1921, 0.2235, 0.2195
CMYK	0.00, 0.04, 0.03, 0.19
HSL	352°, 8%, 79%
HSV	352°, 4%, 81%
XYZ	55.9632, 57.6335, 62.2224
YIQ	200.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

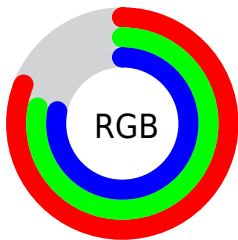
Format	Color
R _Y B	206, 198, 199
Decimal	13551303
CIE Lab	80.53, 2.98, 0.47
CIE LCh	81, 3.014, 8.981
Yxy	57.6335, 0.3183, 0.3278
Android (android.graphics.Color)	4291741383 (0xFFCEC6C7)
YUV	200.5060, -0.7425, 4.8182
Hunter-Lab	75.9167, -1.2702, 4.5468

Details

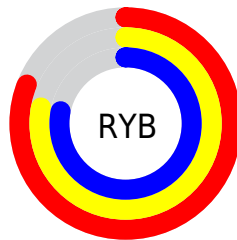
The Yxy color $57.6335, 0.3183, 0.3278$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $60.5663, 0.3074, 0.3302$, and the grayscale version is $58.0936, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $28.6663, 0.3202, 0.3275$ is the 20% darker color. If you saturate the color by 10%, you get $48.0639, 0.3350, 0.3246$, and if you desaturate by 10%, it is $68.5876, 0.3049, 0.3308$.

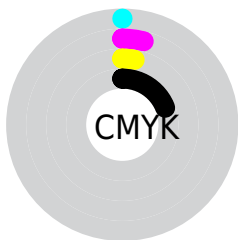
Distribution



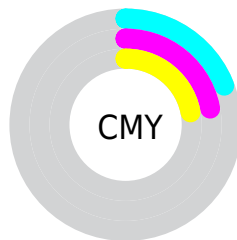
- Red (81%)
- Green (78%)
- Blue (78%)



- Red (81%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6335, 0.3183, 0.3278 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 57.6335, 0.3183, 0.3278 by changing the saturation by 10% instead.

■ 57.6335, 0.3183,
0.3278

■ 57.6335, 0.3183,
0.3278

415.8189, 0.3156,
0.3284

■ 41.5141, 0.3189,
0.3277

101.3890, 0.3173,
0.3280

■ 28.7210, 0.3198,
0.3275

129.7938, 0.3170,
0.3281

■ 18.8699, 0.3208,
0.3272

163.0625, 0.3167,
0.3282

■ 11.5763, 0.3223,
0.3269

201.5796, 0.3164,
0.3282

■ 6.4559, 0.3243,
0.3265

245.7294, 0.3162,
0.3283

■ 3.1242, 0.3275,
0.3257

295.8962, 0.3160,

■ 1.1969, 0.3331,

0.3283

0.3244

352.4646, 0.3158,
0.3284

0.0592, 0.5870,
0.2694

0.0000, 0.0000,
0.0000

57.6335, 0.3183,
0.3278

57.6335, 0.3183,
0.3278

48.0639, 0.3350,
0.3246

68.5876, 0.3049,
0.3308

39.8166, 0.3557,
0.3212

80.9703, 0.2940,
0.3335

32.8356, 0.3813,
0.3177

91.7307, 0.2849,
0.3311

27.0580, 0.4125,
0.3144

91.8651, 0.2838,
0.3289

■ 22.4158, 0.4496,
0.3118

■ 18.8338, 0.4916,
0.3103

■ 16.2282, 0.5358,
0.3107

■ 14.5019, 0.5773,
0.3135

■ 13.5383, 0.6102,
0.3185

Harmonies

Analogous

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



57.6335, 0.3149, 0.3247



57.6335, 0.3183, 0.3278



57.6335, 0.3202, 0.3313

Triad

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



57.6335, 0.3183, 0.3278



57.6335, 0.3145, 0.3355



57.6335, 0.3054, 0.3238

Complementary

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



57.6335, 0.3183, 0.3278



60.5663, 0.3074, 0.3302

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.



57.6335, 0.3053, 0.3267



57.6335, 0.3183, 0.3278



57.6335, 0.3105, 0.3334

Square

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



57.6335, 0.3183, 0.3278



57.6335, 0.3180, 0.3357



57.6335, 0.3072, 0.3302



57.6335, 0.3074, 0.3224

Rectangle

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



57.6335, 0.3183, 0.3278



57.6335, 0.3204, 0.3333



57.6335, 0.3072, 0.3302



57.6335, 0.3051, 0.3247

Sweetspot

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



57.6360, 0.3183, 0.3278



98.2414, 0.3141, 0.3287



57.8159, 0.3123, 0.3196



21.0462, 0.3141, 0.3287



0.0000, 0.0000, 0.0000



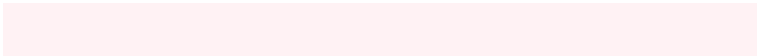
21.4041, 0.3127, 0.3290

Same Dimension

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



57.6360, 0.3183, 0.3278



91.4379, 0.3201, 0.3274



58.9470, 0.3188, 0.3325



12.0255, 0.3209, 0.3273



8.1351, 0.6224, 0.3202



0.4276, 0.5792, 0.2964

Inverse Universe

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



57.6360, 0.3183, 0.3278



91.4379, 0.3201, 0.3274



59.2120, 0.3068, 0.3255



12.0255, 0.3209, 0.3273



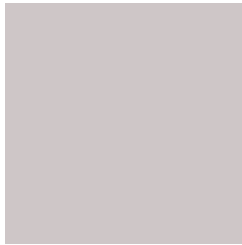
8.1351, 0.6224, 0.3202



0.4276, 0.5792, 0.2964

Previews

White Background



This preview shows how the Yxy color 57.6335, 0.3183, 0.3278 looks on a white background.

Color Contrast Check

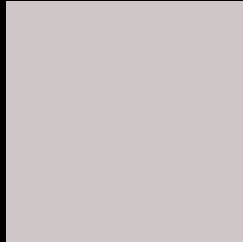
Large Text (above 18pt) WCAG AA × Fail

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 57.6335, 0.3183, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

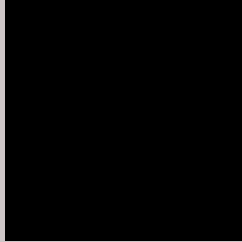
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

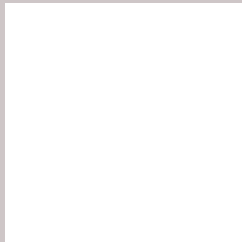
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6335, 0.3183, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 57.6335, 0.3183, 0.3278.

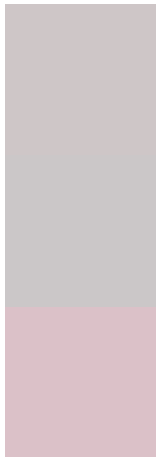


This preview shows how white text looks on a background with the Yxy color 57.6335, 0.3183, 0.3278.

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

57.6335, 0.3183, 0.3278

Protanopia

57.7135, 0.3151, 0.3278

Deuteranopia

57.3701, 0.3285, 0.3210



Tritanopia

57.5929, 0.3112, 0.3116

Trichromacy



Original Color

57.6335, 0.3183, 0.3278

Protanomaly

57.8543, 0.3159, 0.3278

Deuteranomaly

57.4965, 0.3242, 0.3232

Tritanomaly

57.7029, 0.3133, 0.3173

Monochromacy



Original Color

57.6335, 0.3183, 0.3278

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.1752, 0.3151, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6335, 0.3183, 0.3278 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(206, 198, 199)` looks like.

```
.text, #text, p{  
    color:rgb(206, 198, 199)  
}
```

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(206, 198, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 198, 199) }
```

Border

The CSS property to change the border of an element to Yxy 57.6335, 0.3183, 0.3278 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(206, 198, 199) }
```

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

```
.border{ border-color:rgb(206, 198, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 198, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 198, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 198, 199);  
box-shadow:4px 4px 4px 4px rgb(206, 198,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6335, 0.3183, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 198, 199) }
```

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

```
.background{ background-color: rgb(206,  
198, 199) }
```

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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