

Converting Colors

Yxy(57.0728, 0.3177, 0.3245)

Have a look what the booklet for
Yxy(57.0728, 0.3177, 0.3245)
contains.

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Color

Yxy(57.2244, 0.3176, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	CEC5C8
RGB	206, 197, 200
RGB Percent	81%, 77%, 78%
CMY	0.1923, 0.2274, 0.2157
CMYK	0.00, 0.04, 0.03, 0.19
HSL	340°, 8%, 79%
HSV	340°, 4%, 81%
XYZ	55.8355, 57.2244, 62.7447
YIQ	200.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

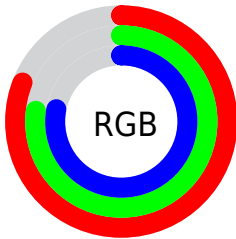
Format	Color
R _Y B	206, 197, 200
Decimal	13551048
CIE Lab	80.31, 3.65, -0.39
CIE LCh	80, 3.666, 353.935
Yxy	57.2244, 0.3176, 0.3255
Android (android.graphics.Color)	4291741128 (0xFFCEC5C8)
YUV	200.0330, -0.0163, 5.2331
Hunter-Lab	75.6468, -0.6296, 3.7751

Details

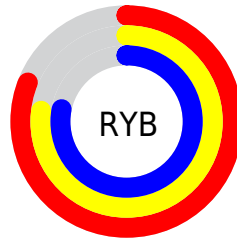
The Yxy color **57.2244, 0.3176, 0.3255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3049, 0.3081, 0.3325**, and the grayscale version is **57.7762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **28.3956, 0.3193, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **47.8893, 0.3306, 0.3170**, and if you desaturate by 10%, it is **67.8999, 0.3070, 0.3334**.

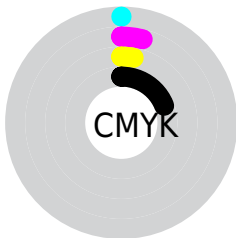
Distribution



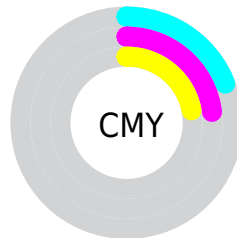
- Red (81%)
- Green (77%)
- Blue (78%)



- Red (81%)
- Yellow (77%)
- Blue (78%)



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



- Cyan (19%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2244, 0.3176, 0.3255 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 57.2244, 0.3176, 0.3255 by changing the saturation by 10% instead.

■ 57.2244, 0.3176,
0.3255

■ 57.2244, 0.3176,
0.3255

414.2896, 0.3152,
0.3272

■ 41.1854, 0.3182,
0.3251

100.7925, 0.3168,
0.3261

■ 28.4640, 0.3189,
0.3246

129.0905, 0.3164,
0.3263

■ 18.6757, 0.3198,
0.3239

162.2436, 0.3162,
0.3265

■ 11.4362, 0.3211,
0.3230

200.6362, 0.3159,
0.3267

■ 6.3610, 0.3229,
0.3217

244.6527, 0.3157,
0.3268

■ 3.0658, 0.3256,
0.3197

294.6775, 0.3155,

■ 1.1662, 0.3305,

0.3270

351.0950, 0.3154,
0.3271

0.3162

0.0338, 0.5534,
0.1546

0.0000, 0.0000,
0.0000

57.2244, 0.3176,
0.3255

57.2244, 0.3176,
0.3255

47.8893, 0.3306,
0.3170

67.8999, 0.3070,
0.3334

39.8342, 0.3466,
0.3082

79.9585, 0.2983,
0.3407

33.0052, 0.3659,
0.2991

90.9974, 0.2910,
0.3434

27.3413, 0.3892,
0.2904

91.8499, 0.2838,
0.3290

■ 22.7766, 0.4166,
0.2827

■ 91.8555, 0.2838,
0.3289

■ 19.2385, 0.4479,
0.2771

■ 16.6455, 0.4819,
0.2747

■ 14.9034, 0.5166,
0.2768

■ 13.8982, 0.5491,
0.2838

Harmonies

Analogous

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



57.2244, 0.3129, 0.3223



57.2244, 0.3176, 0.3255



57.2244, 0.3210, 0.3297

Triad

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



57.2244, 0.3176, 0.3255



57.2244, 0.3172, 0.3373



57.2244, 0.3034, 0.3243

Complementary

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



57.2244, 0.3176, 0.3255



60.3049, 0.3081, 0.3325

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.



57.2244, 0.3045, 0.3283



57.2244, 0.3176, 0.3255



57.2244, 0.3125, 0.3359

Square

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



57.2244, 0.3176, 0.3255



57.2244, 0.3207, 0.3365



57.2244, 0.3078, 0.3326



57.2244, 0.3048, 0.3215

Rectangle

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



57.2244, 0.3176, 0.3255



57.2244, 0.3220, 0.3324



57.2244, 0.3078, 0.3326



57.2244, 0.3035, 0.3255

Sweetspot

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



57.2269, 0.3176, 0.3255



98.2748, 0.3138, 0.3282



57.0678, 0.3108, 0.3185



21.0530, 0.3138, 0.3282



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.



57.2269, 0.3176, 0.3255



91.5978, 0.3185, 0.3249



57.7005, 0.3197, 0.3306



12.0490, 0.3191, 0.3244



8.3584, 0.5620, 0.2870



0.4453, 0.5064, 0.2563

Inverse Universe

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



57.2269, 0.3176, 0.3255



91.5978, 0.3185, 0.3249



59.8058, 0.3060, 0.3274



12.0490, 0.3191, 0.3244



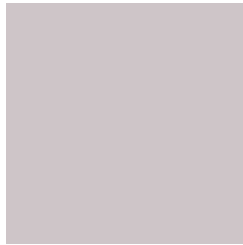
8.3584, 0.5620, 0.2870



0.4453, 0.5064, 0.2563

Previews

White Background



This preview shows how the Yxy color 57.2244, 0.3176, 0.3255 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 57.2244, 0.3176, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

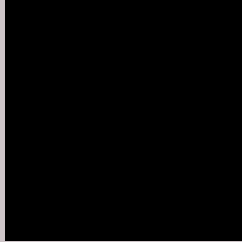
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

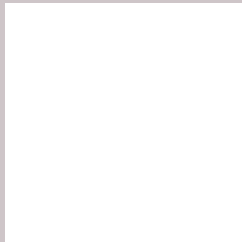
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2244, 0.3176, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 57.2244, 0.3176, 0.3255.

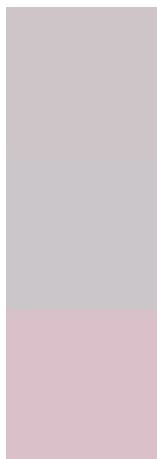


This preview shows how white text looks on a background with the Yxy color 57.2244, 0.3176, 0.3255.

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

57.2244, 0.3176, 0.3255

Protanopia

57.1618, 0.3137, 0.3254

Deuteranopia

57.2624, 0.3269, 0.3199



Tritanopia

57.1433, 0.3112, 0.3104

Trichromacy



Original Color

57.2244, 0.3176, 0.3255

Protanomaly

57.3017, 0.3145, 0.3255

Deuteranomaly

57.0968, 0.3236, 0.3209

Tritanomaly

57.2502, 0.3133, 0.3162

Monochromacy



Original Color

57.2244, 0.3176, 0.3255

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.5735, 0.3143, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2244, 0.3176, 0.3255 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, 197, 200)` looks like.

```
.text, #text, p{  
    color:rgb(206, 197, 200)  
}
```

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, 197, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 197, 200) }
```

Border

The CSS property to change the border of an element to Yxy 57.2244, 0.3176, 0.3255 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, 197, 200) }
```

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

```
.border{ border-color:rgb(206, 197, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 197, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 197, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 197, 200);  
box-shadow:4px 4px 4px 4px rgb(206, 197,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2244, 0.3176, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 197, 200) }
```

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

```
.background{ background-color: rgb(206,  
197, 200) }
```

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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