

Converting Colors

$Yxy(58.7781, 0.3311, 0.3314)$

Have a look what the booklet for
Yxy(58.7781, 0.3311, 0.3314)
contains.

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Color

Yxy(58.7781, 0.3311, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	DAC5C3
RGB	218, 197, 195
RGB Percent	85%, 77%, 76%
CMY	0.1451, 0.2274, 0.2354
CMYK	0.00, 0.10, 0.11, 0.15
HSL	5°, 24%, 81%
HSV	5°, 11%, 85%
XYZ	58.7249, 58.7781, 59.8600
YIQ	203.0510, 13.1580, 3.8300

Conversions

Conversions Part 2

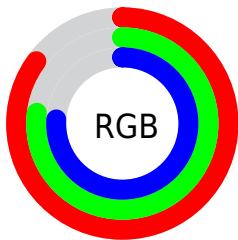
Format	Color
R _Y B	218, 197, 195
Decimal	14337475
CIE Lab	81.17, 7.02, 3.69
CIE LCh	81, 7.935, 27.733
Yxy	58.7781, 0.3311, 0.3314
Android (android.graphics.Color)	4292527555 (0xFFDAC5C3)
YUV	203.0510, -3.9691, 13.1103
Hunter-Lab	76.6669, 2.5595, 7.3743

Details

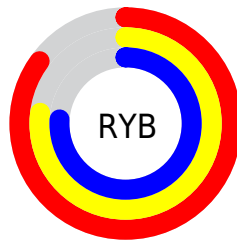
The Yxy color **58.7781, 0.3311, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7441, 0.2965, 0.3266**, and the grayscale version is **59.7736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1719, 0.3145, 0.3309**, and **29.3545, 0.3364, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **49.4306, 0.3527, 0.3339**, and if you desaturate by 10%, it is **69.4634, 0.3136, 0.3291**.

Distribution



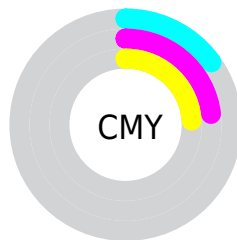
- Red (85%)
- Green (77%)
- Blue (76%)



- Red (85%)
- Yellow (77%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (11%)
- Black (15%)





- Cyan (15%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7781, 0.3311, 0.3314 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 58.7781, 0.3311, 0.3314 by changing the saturation by 10% instead.

 58.7781, 0.3311,
0.3314

 58.7781, 0.3311,
0.3314


420.0791, 0.3222,
0.3303

 42.4345, 0.3332,
0.3316


 103.0551, 0.3279,
0.3310

 29.4417, 0.3359,
0.3319


131.7573, 0.3267,
0.3309

 19.4152, 0.3394,
0.3323


165.3478, 0.3257,
0.3308

 11.9707, 0.3441,
0.3328

204.2110, 0.3248,
0.3306

 6.7237, 0.3509,
0.3334

248.7314, 0.3241,
0.3305

 3.2899, 0.3613,
0.3342

299.2933, 0.3234,

 1.2849, 0.3795,

0.3305

356.2810, 0.3228,
0.3304

0.3352

0.1295, 0.6946,
0.3054

0.0000, 0.0000,
0.0000

58.7781, 0.3311,
0.3314

58.7781, 0.3311,
0.3314

49.4306, 0.3527,
0.3339

69.4634, 0.3136,
0.3291

41.3608, 0.3793,
0.3364

81.5281, 0.2994,
0.3270

34.5154, 0.4115,
0.3389

93.6441, 0.2906,
0.3289

28.8347, 0.4498,
0.3410

■ 24.2536, 0.4932,
0.3425

■ 20.7008, 0.5389,
0.3427

■ 18.0966, 0.5816,
0.3412

■ 16.3494, 0.6149,
0.3380

■ 15.3819, 0.6342,
0.3346

Harmonies

Analogous

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



58.7781, 0.3243, 0.3225



58.7781, 0.3311, 0.3314



58.7781, 0.3329, 0.3398

Triad

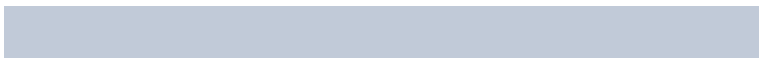
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.7781, 0.3311, 0.3314



58.7781, 0.3108, 0.3432



58.7781, 0.2964, 0.3126

Complementary

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



58.7781, 0.3311, 0.3314



65.7441, 0.2965, 0.3266

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.



58.7781, 0.2930, 0.3178



58.7781, 0.3311, 0.3314



58.7781, 0.3012, 0.3355

Square

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



58.7781, 0.3311, 0.3314



58.7781, 0.3210, 0.3468



58.7781, 0.2947, 0.3262



58.7781, 0.3042, 0.3118

Rectangle

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



58.7781, 0.3311, 0.3314



58.7781, 0.3310, 0.3441



58.7781, 0.2947, 0.3262



58.7781, 0.2947, 0.3139

Sweetspot

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



58.7807, 0.3311, 0.3314



95.1498, 0.3176, 0.3297



58.8815, 0.3153, 0.3053



20.0950, 0.3189, 0.3298



0.0000, 0.0000, 0.0000



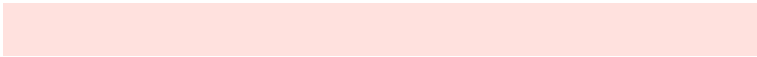
21.4041, 0.3127, 0.3290

Same Dimension

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



58.7807, 0.3311, 0.3314



80.2645, 0.3362, 0.3320



64.1490, 0.3296, 0.3443



13.2364, 0.3289, 0.3311



9.2828, 0.6328, 0.3357



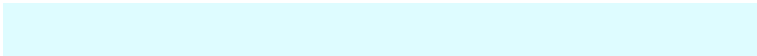
0.6670, 0.6137, 0.3509

Inverse Universe

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



65.7441, 0.2965, 0.3266



92.3824, 0.2927, 0.3260



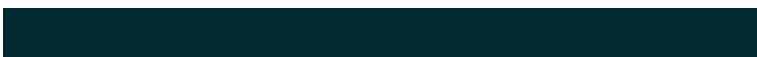
60.1122, 0.2964, 0.3132



14.6215, 0.2982, 0.3269



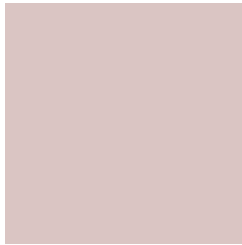
27.4881, 0.2170, 0.3011



1.8400, 0.2183, 0.3060

Previews

White Background



This preview shows how the Yxy color 58.7781, 0.3311, 0.3314 looks on a white background.

Color Contrast Check

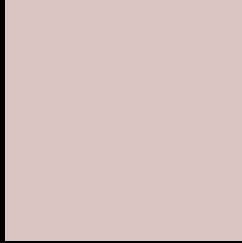
Large Text (above 18pt) WCAG AA × Fail

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 58.7781, 0.3311, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

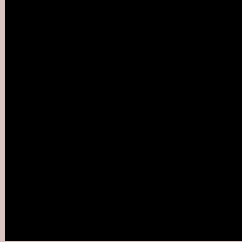
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

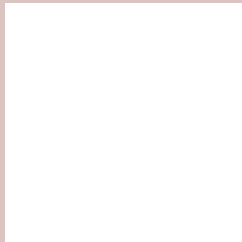
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7781, 0.3311, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 58.7781, 0.3311, 0.3314.



This preview shows how white text looks on a background with the Yxy color 58.7781, 0.3311, 0.3314.

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

58.7781, 0.3311, 0.3314

Protanopia

58.9263, 0.3195, 0.3337

Deuteranopia

58.6583, 0.3355, 0.3291



Tritanopia

58.8990, 0.3215, 0.3121

Trichromacy



Original Color

58.7781, 0.3311, 0.3314

Protanomaly

58.9957, 0.3235, 0.3337

Deuteranomaly

58.7921, 0.3337, 0.3302

Tritanomaly

58.9477, 0.3244, 0.3188

Monochromacy



Original Color

58.7781, 0.3311, 0.3314

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.3533, 0.3189, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7781, 0.3311, 0.3314 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(218, 197, 195)` looks like.

```
.text, #text, p{  
    color:rgb(218, 197, 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(218, 197, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 197, 195) }
```

Border

The CSS property to change the border of an element to Yxy 58.7781, 0.3311, 0.3314 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(218, 197, 195) }
```

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

```
.border{ border-color:rgb(218, 197, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 197, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 197, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 197, 195);  
box-shadow:4px 4px 4px 4px rgb(218, 197,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7781, 0.3311, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 197, 195) }
```

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

```
.background{ background-color: rgb(218,  
197, 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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