

Converting Colors

Yxy(58.8447, 0.3136, 0.3108)

Have a look what the booklet for
Yxy(58.8447, 0.3136, 0.3108)
contains.

Yxy(58.8827, 0.3136, 0.3108)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.8827, 0.3136, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	D5C5D5
RGB	213, 197, 213
RGB Percent	84%, 77%, 84%
CMY	0.1647, 0.2274, 0.1649
CMYK	0.00, 0.08, 0.00, 0.16
HSL	300°, 16%, 80%
HSV	300°, 8%, 84%
XYZ	59.4132, 58.8827, 71.1594
YIQ	203.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

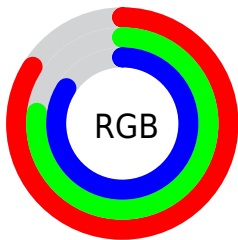
Format	Color
R _Y B	213, 197, 213
Decimal	14009813
CIE Lab	81.23, 8.43, -5.93
CIE LCh	81, 10.308, 324.890
Yxy	58.8827, 0.3136, 0.3108
Android (android.graphics.Color)	4292199893 (0xFFD5C5D5)
YUV	203.6080, 4.6303, 8.2368
Hunter-Lab	76.7351, 3.9197, -1.2674

Details

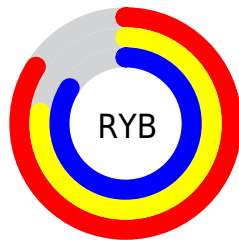
The Yxy color **58.8827, 0.3136, 0.3108** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4942, 0.3118, 0.3479**, and the grayscale version is **60.0919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **29.3826, 0.3138, 0.3064** is the 20% darker color. If you saturate the color by 10%, you get **49.8827, 0.3148, 0.2860**, and if you desaturate by 10%, it is **69.2546, 0.3124, 0.3349**.

Distribution



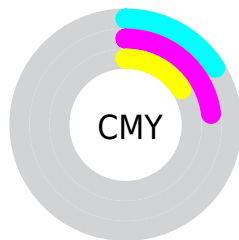
- Red (84%)
- Green (77%)
- Blue (84%)



- Red (84%)
- Yellow (77%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8827, 0.3136, 0.3108 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 58.8827, 0.3136, 0.3108 by changing the saturation by 10% instead.

■ 58.8827, 0.3136,
0.3108

■ 58.8827, 0.3136,
0.3108

420.4671, 0.3132,
0.3194

■ 42.5187, 0.3137,
0.3088

103.2072, 0.3135,
0.3138

■ 29.5077, 0.3138,
0.3062

131.9364, 0.3134,
0.3150

■ 19.4652, 0.3139,
0.3030

165.5562, 0.3134,
0.3160

■ 12.0069, 0.3140,
0.2986

204.4509, 0.3134,
0.3169

■ 6.7484, 0.3141,
0.2926

249.0050, 0.3133,
0.3176

■ 3.3052, 0.3142,
0.2835

299.6028, 0.3133,

■ 1.2931, 0.3141,

0.3183

0.2684

356.6287, 0.3133,
0.3189

0.1358, 0.3242,
0.1315

0.0000, 0.0000,
0.0000

58.8827, 0.3136,
0.3108

58.8827, 0.3136,
0.3108

49.8827, 0.3148,
0.2860

69.2546, 0.3124,
0.3349

42.1898, 0.3160,
0.2611

81.0443, 0.3113,
0.3579

35.7456, 0.3172,
0.2371

90.4764, 0.3106,
0.3735

30.4843, 0.3183,
0.2147

90.4790, 0.3105,
0.3735

■ 26.3340, 0.3193,
0.1950

■ 90.4816, 0.3105,
0.3734

■ 23.2149, 0.3202,
0.1789

■ 90.4842, 0.3105,
0.3733

■ 21.0368, 0.3208,
0.1668

■ 90.4868, 0.3104,
0.3733

■ 19.6938, 0.3212,
0.1590

■ 90.4894, 0.3104,
0.3732

■ 19.0404, 0.3215,
0.1552

■ 90.4920, 0.3104,
0.3732

Harmonies

Analogous

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



58.8827, 0.3005, 0.3066



58.8827, 0.3136, 0.3108



58.8827, 0.3267, 0.3196

Triad

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



58.8827, 0.3136, 0.3108



58.8827, 0.3348, 0.3500



58.8827, 0.2899, 0.3264

Complementary

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



58.8827, 0.3136, 0.3108



63.4942, 0.3118, 0.3479

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.



58.8827, 0.2987, 0.3386



58.8827, 0.3136, 0.3108



58.8827, 0.3246, 0.3524

Square

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



58.8827, 0.3136, 0.3108



58.8827, 0.3390, 0.3420



58.8827, 0.3114, 0.3482



58.8827, 0.2871, 0.3152

Rectangle

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



58.8827, 0.3136, 0.3108



58.8827, 0.3335, 0.3270



58.8827, 0.3114, 0.3482



58.8827, 0.2923, 0.3305

Sweetspot

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



58.8852, 0.3136, 0.3108



96.7883, 0.3130, 0.3242



56.6124, 0.3012, 0.3100



20.7503, 0.3129, 0.3244



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.



58.8852, 0.3136, 0.3108



86.2178, 0.3138, 0.3069



58.4911, 0.3195, 0.3198



12.6322, 0.3138, 0.3061



11.5600, 0.3215, 0.1545



0.6974, 0.3214, 0.1544

Inverse Universe

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



58.8852, 0.3136, 0.3108



86.2178, 0.3138, 0.3069



63.8688, 0.3064, 0.3384



12.6322, 0.3138, 0.3061



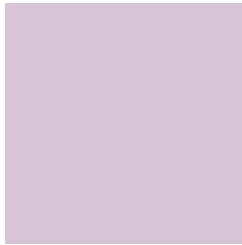
11.5600, 0.3215, 0.1545



0.6974, 0.3214, 0.1544

Previews

White Background



This preview shows how the Yxy color 58.8827, 0.3136, 0.3108 looks on a white background.

Color Contrast Check

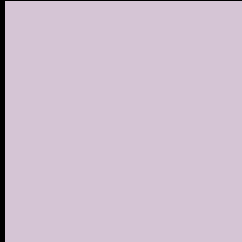
Large Text (above 18pt) WCAG AA × Fail

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 58.8827, 0.3136, 0.3108 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 58.8827, 0.3136, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 58.8827, 0.3136, 0.3108.



This preview shows how white text looks on a background with the Yxy color 58.8827, 0.3136, 0.3108.

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

58.8827, 0.3136, 0.3108

Protanopia

59.2361, 0.3036, 0.3127

Deuteranopia

58.8829, 0.3160, 0.3097



Tritanopia

58.8827, 0.3136, 0.3108

Trichromacy



Original Color

58.8827, 0.3136, 0.3108

Protanomaly

59.2854, 0.3073, 0.3128

Deuteranomaly

58.7310, 0.3152, 0.3097

Tritanomaly

58.8827, 0.3136, 0.3108

Monochromacy



Original Color

58.8827, 0.3136, 0.3108

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.5437, 0.3130, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8827, 0.3136, 0.3108 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(213, 197, 213)` looks like.

```
.text, #text, p{  
    color:rgb(213, 197, 213)  
}
```

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(213, 197, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 197, 213) }
```

Border

The CSS property to change the border of an element to Yxy 58.8827, 0.3136, 0.3108 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(213, 197, 213) }
```

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

```
.border{ border-color:rgb(213, 197, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 197, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 197, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 197, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 197,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8827, 0.3136, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 197, 213) }
```

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

```
.background{ background-color: rgb(213,  
197, 213) }
```

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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