

Converting Colors

Yxy(58.1394, 0.2949, 0.3031)

Have a look what the booklet for
Yxy(58.1394, 0.2949, 0.3031)
contains.

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Color

Yxy(58.3182, 0.2943, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	C4C8DE
RGB	196, 200, 222
RGB Percent	77%, 78%, 87%
CMY	0.2317, 0.2156, 0.1295
CMYK	0.12, 0.10, 0.00, 0.13
HSL	231°, 28%, 82%
HSV	231°, 12%, 87%
XYZ	56.5877, 58.3182, 77.3730
YIQ	201.3120, -9.4460, 5.9940

Conversions

Conversions Part 2

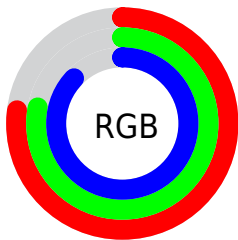
Format	Color
R _Y B	196, 199, 222
Decimal	12896478
CIE Lab	80.92, 2.89, -11.38
CIE LCh	81, 11.739, 284.247
Yxy	58.3182, 0.2943, 0.3033
Android (android.graphics.Color)	4291086558 (0xFFC4C8DE)
YUV	201.3120, 10.1992, -4.6586
Hunter-Lab	76.3664, -1.3721, -6.6151

Details

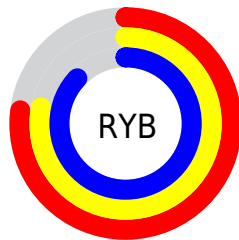
The Yxy color `58.3182, 0.2943, 0.3033` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `69.5932, 0.3307, 0.3535`, and the grayscale version is `58.5467, 0.3127, 0.3290`.

A 20% lighter version of the original color is `99.6226, 0.3115, 0.3290`, and `29.0986, 0.2893, 0.2964` is the 20% darker color. If you saturate the color by 10%, you get `47.4206, 0.2769, 0.2784`, and if you desaturate by 10%, it is `70.7209, 0.3101, 0.3254`.

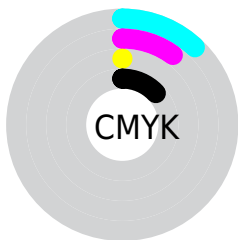
Distribution



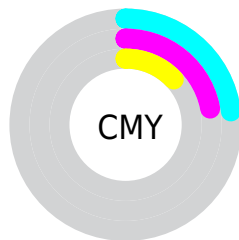
- Red (77%)
- Green (78%)
- Blue (87%)



- Red (77%)
- Yellow (78%)
- Blue (87%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (23%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3182, 0.2943, 0.3033 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 58.3182, 0.2943, 0.3033 by changing the saturation by 10% instead.

■ 58.3182, 0.2943,
0.3033

■ 58.3182, 0.2943,
0.3033

418.3706, 0.3032,
0.3156

■ 42.0645, 0.2922,
0.3004

102.3861, 0.2974,
0.3076

■ 29.1518, 0.2895,
0.2968

130.9691, 0.2986,
0.3093

■ 19.1957, 0.2861,
0.2921

164.4306, 0.2997,
0.3107

■ 11.8118, 0.2815,
0.2859

203.1551, 0.3006,
0.3119

■ 6.6156, 0.2749,
0.2772

247.5270, 0.3013,
0.3130

■ 3.2229, 0.2649,
0.2641

297.9306, 0.3020,

■ 1.2492, 0.2480,

0.3140

0.2424

354.7503, 0.3026,
0.3148

0.1013, 0.1421,
0.0863

0.0000, 0.0000,
0.0000

58.3182, 0.2943,
0.3033

58.3182, 0.2943,
0.3033

47.4206, 0.2769,
0.2784

70.7209, 0.3101,
0.3254

37.9634, 0.2581,
0.2507

84.6756, 0.3243,
0.3448

29.8880, 0.2383,
0.2209

98.0534, 0.3322,
0.3611

23.1289, 0.2184,
0.1897

■ 17.6152, 0.1992,
0.1586

■ 13.2693, 0.1821,
0.1293

■ 10.0044, 0.1682,
0.1038

■ 7.7209, 0.1584,
0.0838

■ 6.4729, 0.1534,
0.0720

Harmonies

Analogous

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



58.3182, 0.2855, 0.3073



58.3182, 0.2943, 0.3033



58.3182, 0.3082, 0.3059

Triad

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



58.3182, 0.2943, 0.3033



58.3182, 0.3426, 0.3395



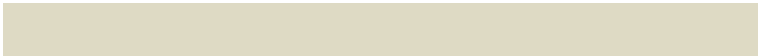
58.3182, 0.3015, 0.3445

Complementary

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



58.3182, 0.2943, 0.3033



69.5932, 0.3307, 0.3535

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.



58.3182, 0.3167, 0.3536



58.3182, 0.2943, 0.3033



58.3182, 0.3406, 0.3503

Square

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



58.3182, 0.2943, 0.3033



58.3182, 0.3363, 0.3264



58.3182, 0.3310, 0.3556



58.3182, 0.2896, 0.3310

Rectangle

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



58.3182, 0.2943, 0.3033



58.3182, 0.3185, 0.3109



58.3182, 0.3310, 0.3556



58.3182, 0.3064, 0.3482

Sweetspot

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



58.3206, 0.2943, 0.3033



92.7554, 0.3066, 0.3206



69.0060, 0.2975, 0.3339



19.5701, 0.3055, 0.3190



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.



58.3206, 0.2943, 0.3033



76.1347, 0.2903, 0.2977



57.6430, 0.3007, 0.2990



13.5901, 0.2981, 0.3086



3.9493, 0.1538, 0.0737



0.3828, 0.1606, 0.0983

Inverse Universe

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



59.1449, 0.3306, 0.3244



77.5117, 0.3348, 0.3234



70.4103, 0.3238, 0.3585



13.7356, 0.3267, 0.3253



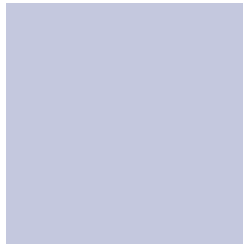
9.3067, 0.6171, 0.3173



0.6561, 0.5785, 0.2960

Previews

White Background



This preview shows how the Yxy color 58.3182, 0.2943, 0.3033 looks on a white background.

Color Contrast Check

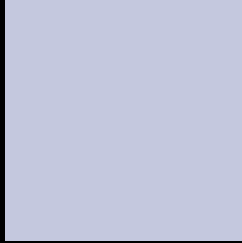
Large Text (above 18pt) WCAG AA × Fail

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 58.3182, 0.2943, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

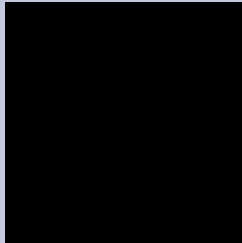
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3182, 0.2943, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 58.3182, 0.2943, 0.3033.

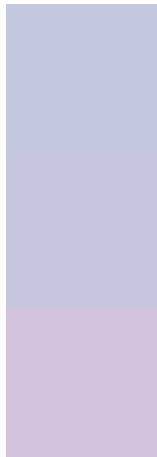


This preview shows how white text looks on a background with the Yxy color 58.3182, 0.2943, 0.3033.

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

58.3182, 0.2943, 0.3033

Protanopia

58.1265, 0.2958, 0.3022

Deuteranopia

58.0596, 0.3041, 0.2972



Tritanopia

58.3851, 0.2970, 0.3101

Trichromacy



Original Color

58.3182, 0.2943, 0.3033

Protanomaly

57.9911, 0.2951, 0.3021

Deuteranomaly

58.2394, 0.3003, 0.2992

Tritanomaly

58.4899, 0.2957, 0.3078

Monochromacy



Original Color

58.3182, 0.2943, 0.3033

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.5189, 0.3055, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3182, 0.2943, 0.3033 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(196, 200, 222)` looks like.

```
.text, #text, p{  
    color:rgb(196, 200, 222)  
}
```

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(196, 200, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 200, 222) }
```

Border

The CSS property to change the border of an element to Yxy 58.3182, 0.2943, 0.3033 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(196, 200, 222) }
```

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

```
.border{ border-color:rgb(196, 200, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 200, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 200, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 200, 222);  
box-shadow:4px 4px 4px 4px rgb(196, 200,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3182, 0.2943, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 200, 222) }
```

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

```
.background{ background-color: rgb(196,  
200, 222) }
```

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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