

Converting Colors

$Yxy(59.5826, 0.2893, 0.3107)$

Have a look what the booklet for
Yxy(59.5826, 0.2893, 0.3107)
contains.

Yxy(59.4479, 0.2887, 0.3100)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.4479, 0.2887, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	BBCDDD
RGB	187, 205, 221
RGB Percent	73%, 80%, 87%
CMY	0.2669, 0.1960, 0.1334
CMYK	0.15, 0.07, 0.00, 0.13
HSL	208°, 33%, 80%
HSV	208°, 15%, 87%
XYZ	55.3633, 59.4479, 76.9563
YIQ	201.4420, -15.8640, 1.1600

Conversions

Conversions Part 2

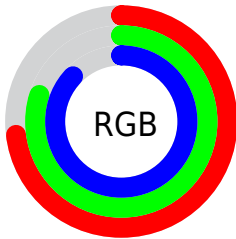
Format	Color
RYB	187, 199, 221
Decimal	12307933
CIELab	81.54, -2.85, -9.98
CIELCh	82, 10.383, 254.085
Yxy	59.4479, 0.2887, 0.3100
Android (android.graphics.Color)	4290498013 (0xFFBBCDDD)
YUV	201.4420, 9.6421, -12.6656
Hunter-Lab	77.1025, -6.7578, -5.2059

Details

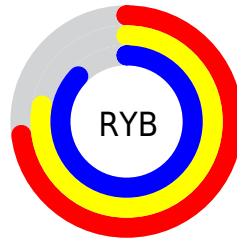
The Yxy color $59.4479, 0.2887, 0.3100$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.6238, 0.3388, 0.3473$, and the grayscale version is $58.6387, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.7947, 0.3054, 0.3290$, and $29.8729, 0.2822, 0.3052$ is the 20% darker color. If you saturate the color by 10%, you get $52.0798, 0.2726, 0.2959$, and if you desaturate by 10%, it is $67.5782, 0.3044, 0.3227$.

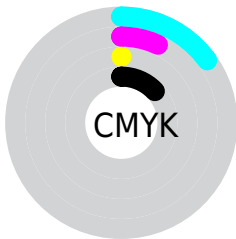
Distribution



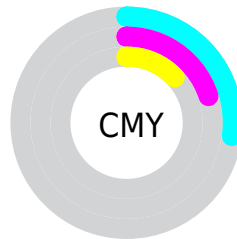
- Red (73%)
- Green (80%)
- Blue (87%)



- Red (73%)
- Yellow (78%)
- Blue (87%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4479, 0.2887, 0.3100 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 59.4479, 0.2887, 0.3100 by changing the saturation by 10% instead.

■ 59.4479, 0.2887,
0.3100

■ 59.4479, 0.2887,
0.3100

422.5597, 0.3001,
0.3192

■ 42.9738, 0.2860,
0.3078

■ 104.0284, 0.2927,
0.3132

■ 29.8645, 0.2826,
0.3051

132.9035, 0.2943,
0.3145

■ 19.7358, 0.2783,
0.3015

166.6811, 0.2956,
0.3155

■ 12.2031, 0.2724,
0.2967

205.7455, 0.2968,
0.3165

■ 6.8822, 0.2643,
0.2900

250.4812, 0.2978,
0.3173

■ 3.3885, 0.2520,
0.2797

301.2726, 0.2987,

■ 1.3378, 0.2317,

0.3180

0.2622

358.5039, 0.2994,
0.3186

0.1702, 0.0805,
0.1485

0.0000, 0.0000,
0.0000

59.4479, 0.2887,
0.3100

59.4479, 0.2887,
0.3100

52.0798, 0.2726,
0.2959

67.5782, 0.3044,
0.3227

45.4407, 0.2565,
0.2806

76.4877, 0.3196,
0.3340

39.5054, 0.2406,
0.2640

86.2021, 0.3340,
0.3441

34.2442, 0.2256,
0.2465

92.6807, 0.3339,
0.3541

■ 29.6250, 0.2118,
0.2283

■ 98.0000, 0.3328,
0.3621

■ 25.6119, 0.1998,
0.2098

■ 22.1643, 0.1900,
0.1916

■ 19.2335, 0.1825,
0.1742

■ 18.0268, 0.1796,
0.1664

Harmonies

Analogous

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



59.4479, 0.2872, 0.3189



59.4479, 0.2887, 0.3100



59.4479, 0.2965, 0.3064

Triad

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



59.4479, 0.2887, 0.3100



59.4479, 0.3334, 0.3267



59.4479, 0.3163, 0.3506

Complementary

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



59.4479, 0.2887, 0.3100



61.6238, 0.3388, 0.3473

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.



59.4479, 0.3289, 0.3523



59.4479, 0.2887, 0.3100



59.4479, 0.3389, 0.3382

Square

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



59.4479, 0.2887, 0.3100



59.4479, 0.3222, 0.3160



59.4479, 0.3372, 0.3477



59.4479, 0.3030, 0.3426

Rectangle

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



59.4479, 0.2887, 0.3100



59.4479, 0.3043, 0.3072



59.4479, 0.3372, 0.3477



59.4479, 0.3208, 0.3519

Sweetspot

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



59.4504, 0.2887, 0.3100



93.9059, 0.3050, 0.3231



66.5690, 0.3006, 0.3506



19.9211, 0.3039, 0.3223



0.0000, 0.0000, 0.0000



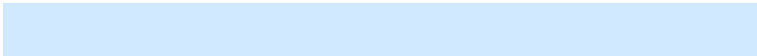
21.4041, 0.3127, 0.3290

Same Dimension

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



59.4504, 0.2887, 0.3100



79.3375, 0.2843, 0.3063



51.7746, 0.2879, 0.2893



13.7564, 0.2982, 0.3178



10.7019, 0.1803, 0.1690



0.8653, 0.1881, 0.1972

Inverse Universe

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



55.2940, 0.3269, 0.3085



72.8204, 0.3299, 0.3047



70.0670, 0.3359, 0.3659



13.1665, 0.3209, 0.3167



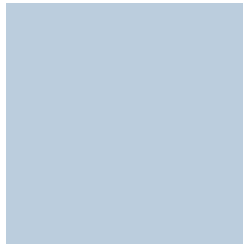
9.7041, 0.4819, 0.2428



0.6460, 0.4485, 0.2244

Previews

White Background



This preview shows how the Yxy color 59.4479, 0.2887, 0.3100 looks on a white background.

Color Contrast Check

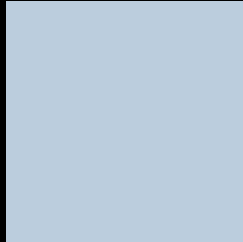
Large Text (above 18pt) WCAG AA × Fail

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 59.4479, 0.2887, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

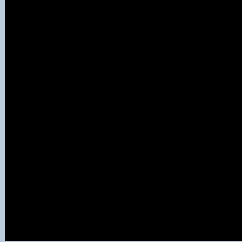
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

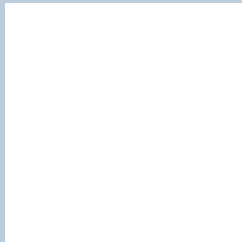
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.4479, 0.2887, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 59.4479, 0.2887, 0.3100.



This preview shows how white text looks on a background with the Yxy color 59.4479, 0.2887, 0.3100.

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

59.4479, 0.2887, 0.3100

Protanopia

59.3053, 0.3001, 0.3081

Deuteranopia

59.4064, 0.3064, 0.2997



Tritanopia

59.4479, 0.2887, 0.3100

Trichromacy



Original Color

59.4479, 0.2887, 0.3100

Protanomaly

59.1441, 0.2957, 0.3079

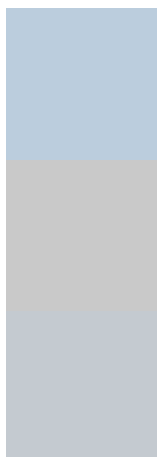
Deuteranomaly

59.4198, 0.3002, 0.3037

Tritanomaly

59.4479, 0.2887, 0.3100

Monochromacy



Original Color

59.4479, 0.2887, 0.3100

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.5309, 0.3039, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4479, 0.2887, 0.3100 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(187, 205, 221)` looks like.

```
.text, #text, p{  
    color:rgb(187, 205, 221)  
}
```

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(187, 205, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 205, 221) }
```

Border

The CSS property to change the border of an element to Yxy 59.4479, 0.2887, 0.3100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

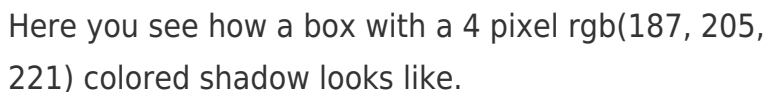
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 205, 221) }
```

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

```
.border{ border-color:rgb(187, 205, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 205, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 205, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 205, 221); box-shadow:4px 4px 4px 4px rgb(187, 205, 221) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4479, 0.2887, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 205, 221) }
```

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

```
.background{ background-color: rgb(187,  
205, 221) }
```

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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