

Converting Colors

$Yxy(60.0401, 0.2870, 0.3101)$

Have a look what the booklet for
Yxy(60.0401, 0.2870, 0.3101)
contains.

Yxy(59.8556, 0.2875, 0.3100)	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(59.8556, 0.2875, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	BACEDE
RGB	186, 206, 222
RGB Percent	73%, 81%, 87%
CMY	0.2704, 0.1922, 0.1295
CMYK	0.16, 0.07, 0.00, 0.13
HSL	207°, 35%, 80%
HSV	207°, 16%, 87%
XYZ	55.5112, 59.8556, 77.7157
YIQ	201.8440, -17.0560, 0.7360

Conversions

Conversions Part 2

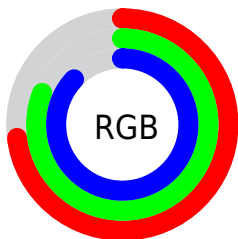
Format	Color
R _Y B	186, 199, 222
Decimal	12242654
CIE Lab	81.76, -3.43, -10.19
CIE LCh	82, 10.749, 251.367
Yxy	59.8556, 0.2875, 0.3100
Android (android.graphics.Color)	4290432734 (0xFFBACEDE)
YUV	201.8440, 9.9369, -13.8952
Hunter-Lab	77.3664, -7.3155, -5.4012

Details

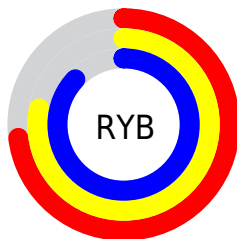
The Yxy color **59.8556, 0.2875, 0.3100** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3267, 0.3404, 0.3473**, and the grayscale version is **58.9104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **30.2330, 0.2815, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **52.6843, 0.2715, 0.2966**, and if you desaturate by 10%, it is **67.7623, 0.3032, 0.3221**.

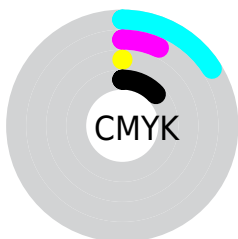
Distribution



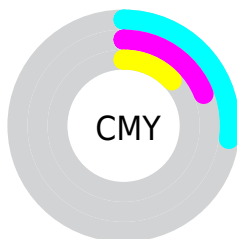
- Red (73%)
- Green (81%)
- Blue (87%)



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



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8556, 0.2875, 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 59.8556, 0.2875, 0.3100 by changing the saturation by 10% instead.

■ 59.8556, 0.2875,
0.3100

■ 59.8556, 0.2875,
0.3100

424.0653, 0.2995,
0.3192

■ 43.3023, 0.2847,
0.3078

■ 104.6202, 0.2917,
0.3132

■ 30.1223, 0.2811,
0.3051

133.6002, 0.2934,
0.3145

■ 19.9315, 0.2766,
0.3015

167.4912, 0.2947,
0.3155

■ 12.3452, 0.2705,
0.2967

206.6776, 0.2960,
0.3165

■ 6.9793, 0.2620,
0.2900

251.5439, 0.2970,
0.3173

■ 3.4491, 0.2493,
0.2797

302.4743, 0.2979,

■ 1.3705, 0.2284,

0.3180

0.2622

359.8533, 0.2988,
0.3186

0.1948, 0.0830,
0.1596

0.0000, 0.0000,
0.0000

59.8556, 0.2875,
0.3100

59.8556, 0.2875,
0.3100

52.6843, 0.2715,
0.2966

67.7623, 0.3032,
0.3221

46.2158, 0.2556,
0.2820

76.4210, 0.3185,
0.3330

40.4254, 0.2401,
0.2662

85.8567, 0.3330,
0.3427

35.2841, 0.2254,
0.2496

92.1324, 0.3334,
0.3521

■ 30.7601, 0.2121,
0.2323

■ 98.0525, 0.3322,
0.3612

■ 26.8180, 0.2006,
0.2149

■ 23.4173, 0.1913,
0.1976

■ 20.5091, 0.1842,
0.1810

■ 19.4994, 0.1819,
0.1748

Harmonies

Analogous

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



59.8556, 0.2866, 0.3196



59.8556, 0.2875, 0.3100



59.8556, 0.2950, 0.3057

Triad

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



59.8556, 0.2875, 0.3100



59.8556, 0.3332, 0.3255



59.8556, 0.3177, 0.3517

Complementary

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



59.8556, 0.2875, 0.3100



61.3267, 0.3404, 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.



59.8556, 0.3304, 0.3529



59.8556, 0.2875, 0.3100



59.8556, 0.3396, 0.3375

Square

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



59.8556, 0.2875, 0.3100



59.8556, 0.3213, 0.3147



59.8556, 0.3385, 0.3476



59.8556, 0.3038, 0.3440

Rectangle

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



59.8556, 0.2875, 0.3100



59.8556, 0.3028, 0.3062



59.8556, 0.3385, 0.3476



59.8556, 0.3222, 0.3529

Sweetspot

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



59.8581, 0.2875, 0.3100



94.0965, 0.3050, 0.3234



66.9202, 0.3008, 0.3532



19.9675, 0.3039, 0.3226



0.0000, 0.0000, 0.0000



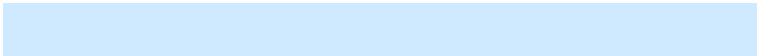
21.4041, 0.3127, 0.3290

Same Dimension

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



59.8581, 0.2875, 0.3100



78.9539, 0.2828, 0.3062



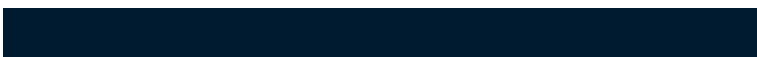
51.8739, 0.2866, 0.2885



14.4990, 0.2981, 0.3183



11.8104, 0.1826, 0.1772



0.9964, 0.1896, 0.2026

Inverse Universe

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



55.1198, 0.3270, 0.3064



71.5769, 0.3301, 0.3021



70.0386, 0.3373, 0.3665



13.8273, 0.3206, 0.3161



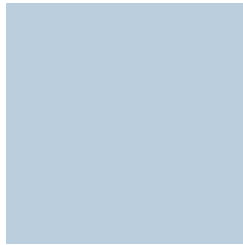
10.1003, 0.4720, 0.2374



0.7180, 0.4423, 0.2210

Previews

White Background



This preview shows how the Yxy color 59.8556, 0.2875, 0.3100 looks on a white background.

Color Contrast Check

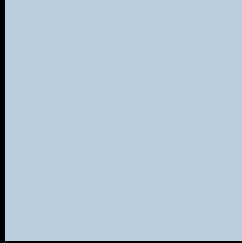
Large Text (above 18pt) WCAG AA × Fail

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 59.8556, 0.2875, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

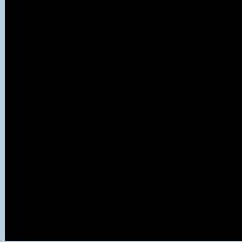
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

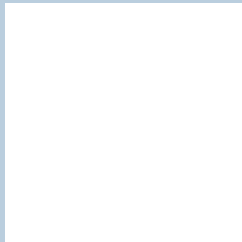
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8556, 0.2875, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 59.8556, 0.2875, 0.3100.



This preview shows how white text looks on a background with the Yxy color 59.8556, 0.2875, 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

59.8556, 0.2875, 0.3100

Protanopia

59.9121, 0.3008, 0.3093

Deuteranopia

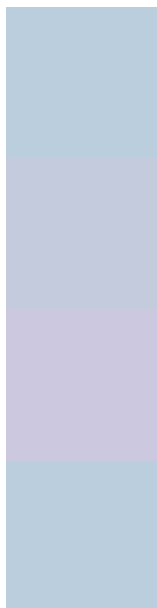
59.4605, 0.3057, 0.2986



Tritanopia

59.8556, 0.2875, 0.3100

Trichromacy



Original Color

59.8556, 0.2875, 0.3100

Protanomaly

59.6149, 0.2957, 0.3091

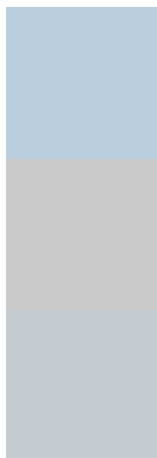
Deuteranomaly

59.3328, 0.2988, 0.3025

Tritanomaly

59.8556, 0.2875, 0.3100

Monochromacy



Original Color

59.8556, 0.2875, 0.3100

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.0511, 0.3032, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8556, 0.2875, 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(186, 206, 222)` looks like.

```
.text, #text, p{  
    color:rgb(186, 206, 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(186, 206, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 206, 222) }
```

Border

The CSS property to change the border of an element to Yxy 59.8556, 0.2875, 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(186, 206, 222) }
```

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

```
.border{ border-color:rgb(186, 206, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 206, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 206, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 206, 222);  
box-shadow:4px 4px 4px 4px rgb(186, 206,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8556, 0.2875, 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(186, 206, 222) }
```

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

```
.background{ background-color: rgb(186,  
206, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor