

Converting Colors

$Y_{xy}(62.0221, 0.2950, 0.3286)$

Have a look what the booklet for
Yxy(62.0221, 0.2950, 0.3286)
contains.

Yxy(61.9068, 0.2947, 0.3278)	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(61.9068, 0.2947, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	BBD3D4
RGB	187, 211, 212
RGB Percent	73%, 83%, 83%
CMY	0.2670, 0.1724, 0.1687
CMYK	0.12, 0.00, 0.00, 0.17
HSL	182°, 23%, 78%
HSV	182°, 12%, 83%
XYZ	55.6557, 61.9068, 71.2929
YIQ	203.9380, -14.6250, -4.7770

Conversions

Conversions Part 2

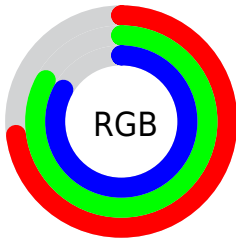
Format	Color
RYB	187, 199, 212
Decimal	12309460
CIELab	82.86, -7.83, -3.22
CIELCh	83, 8.466, 202.321
Yxy	61.9068, 0.2947, 0.3278
Android (android.graphics.Color)	4290499540 (0xFFBBD3D4)
YUV	203.9380, 3.9746, -14.8546
Hunter-Lab	78.6809, -11.4278, 1.3538

Details

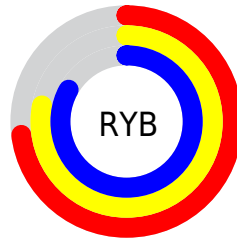
The Yxy color **61.9068, 0.2947, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4963, 0.3337, 0.3302**, and the grayscale version is **60.3169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **31.2796, 0.2910, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **59.0290, 0.2803, 0.3267**, and if you desaturate by 10%, it is **65.1864, 0.3099, 0.3288**.

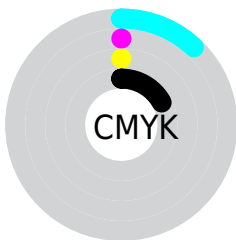
Distribution



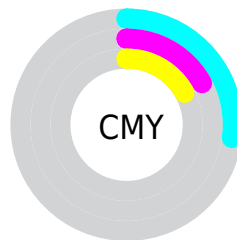
- Red (73%)
- Green (83%)
- Blue (83%)



- Red (73%)
- Yellow (78%)
- Blue (83%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (27%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9068, 0.2947, 0.3278 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 61.9068, 0.2947, 0.3278 by changing the saturation by 10% instead.

■ 61.9068, 0.2947,
0.3278

■ 61.9068, 0.2947,
0.3278

431.5910, 0.3032,
0.3284

■ 44.9574, 0.2927,
0.3276

■ 107.5908, 0.2977,
0.3280

■ 31.4239, 0.2902,
0.3274

137.0942, 0.2989,
0.3281

■ 20.9218, 0.2870,
0.3271

171.5511, 0.2999,
0.3282

■ 13.0669, 0.2827,
0.3267

211.3458, 0.3007,
0.3283

■ 7.4746, 0.2766,
0.3261

256.8628, 0.3015,
0.3283

■ 3.7606, 0.2676,
0.3250

308.4864, 0.3021,

■ 1.5406, 0.2526,

0.3284

0.3230

366.6010, 0.3027,
0.3284

0.3170, 0.1105,
0.3179

0.0000, 0.0000,
0.0000

61.9068, 0.2947,
0.3278

61.9068, 0.2947,
0.3278

59.0290, 0.2803,
0.3267

65.1864, 0.3099,
0.3288

56.5281, 0.2671,
0.3255

68.8762, 0.3256,
0.3298

54.3880, 0.2552,
0.3243

72.9940, 0.3415,
0.3306

52.5888, 0.2450,
0.3230

74.2446, 0.3448,
0.3314

■ 51.1084, 0.2365,
0.3218

■ 74.6573, 0.3446,
0.3322

■ 49.9221, 0.2300,
0.3205

■ 75.0720, 0.3445,
0.3331

■ 49.0017, 0.2255,
0.3192

■ 75.4889, 0.3444,
0.3339

■ 48.3134, 0.2227,
0.3179

■ 75.9077, 0.3442,
0.3347

■ 47.8751, 0.2214,
0.3169

■ 76.3287, 0.3441,
0.3355

Harmonies

Analogous

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



61.9068, 0.3022, 0.3375



61.9068, 0.2947, 0.3278



61.9068, 0.2919, 0.3186

Triad

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



61.9068, 0.2947, 0.3278



61.9068, 0.3125, 0.3138



61.9068, 0.3311, 0.3456

Complementary

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



61.9068, 0.2947, 0.3278



53.4963, 0.3337, 0.3302

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.



61.9068, 0.3340, 0.3389



61.9068, 0.2947, 0.3278



61.9068, 0.3232, 0.3207

Square

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



61.9068, 0.2947, 0.3278



61.9068, 0.3021, 0.3107



61.9068, 0.3311, 0.3298



61.9068, 0.3232, 0.3479

Rectangle

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



61.9068, 0.2947, 0.3278



61.9068, 0.2931, 0.3141



61.9068, 0.3311, 0.3298



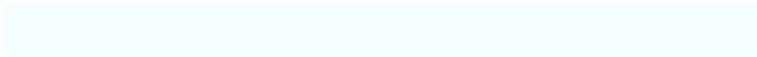
61.9068, 0.3327, 0.3437

Sweetspot

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



61.9094, 0.2947, 0.3278



97.8675, 0.3065, 0.3286



61.2556, 0.3107, 0.3587



20.8643, 0.3053, 0.3285



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.



61.9094, 0.2947, 0.3278



92.9773, 0.2913, 0.3276



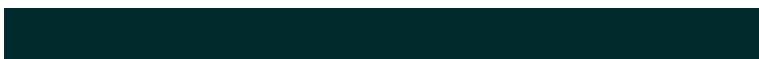
55.9798, 0.2944, 0.3128



14.0225, 0.2983, 0.3281



29.5952, 0.2214, 0.3171



1.8110, 0.2220, 0.3192

Inverse Universe

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



54.2077, 0.3148, 0.3012



79.2120, 0.3152, 0.2956



59.0227, 0.3319, 0.3447



12.6241, 0.3144, 0.3069



11.3325, 0.3307, 0.1595



0.6861, 0.3288, 0.1585

Previews

White Background



This preview shows how the Yxy color 61.9068, 0.2947, 0.3278 looks on a white background.

Color Contrast Check

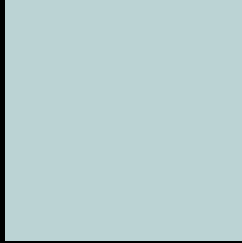
Large Text (above 18pt) WCAG AA × Fail

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 61.9068, 0.2947, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

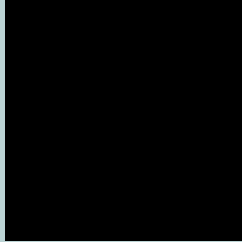
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

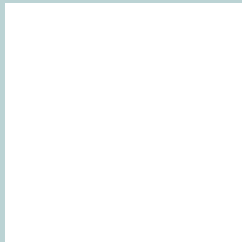
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9068, 0.2947, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 61.9068, 0.2947, 0.3278.



This preview shows how white text looks on a background with the Yxy color 61.9068, 0.2947, 0.3278.

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

61.9068, 0.2947, 0.3278

Protanopia

61.7720, 0.3136, 0.3256

Deuteranopia

61.6932, 0.3197, 0.3135



Tritanopia

61.9107, 0.2871, 0.3091

Trichromacy



Original Color

61.9068, 0.2947, 0.3278

Protanomaly

61.6466, 0.3068, 0.3266

Deuteranomaly

61.5451, 0.3102, 0.3187

Tritanomaly

62.0050, 0.2897, 0.3160

Monochromacy



Original Color

61.9068, 0.2947, 0.3278

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.1364, 0.3060, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9068, 0.2947, 0.3278 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, 211, 212)` looks like.

```
.text, #text, p{  
    color:rgb(187, 211, 212)  
}
```

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, 211, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 211, 212) }
```

Border

The CSS property to change the border of an element to Yxy 61.9068, 0.2947, 0.3278 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, 211, 212) }
```

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

```
.border{ border-color:rgb(187, 211, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 211, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 211, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 211, 212);  
box-shadow:4px 4px 4px 4px rgb(187, 211,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9068, 0.2947, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 211, 212) }
```

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

```
.background{ background-color: rgb(187,  
211, 212) }
```

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