

Converting Colors

$Y_{xy}(58.4591, 0.2950, 0.3279)$

Have a look what the booklet for
Yxy(58.4591, 0.2950, 0.3279)
contains.

Yxy(58.5927, 0.2943, 0.3277)	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(58.5927, 0.2943, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B6CECF
RGB	182, 206, 207
RGB Percent	71%, 81%, 81%
CMY	0.2864, 0.1921, 0.1881
CMYK	0.12, 0.00, 0.00, 0.19
HSL	182°, 21%, 76%
HSV	182°, 12%, 81%
XYZ	52.6208, 58.5927, 67.5863
YIQ	198.9380, -14.6250, -4.7770

Conversions

Conversions Part 2

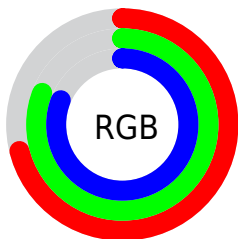
Format	Color
RYB	182, 194, 207
Decimal	11980495
CIELab	81.07, -7.83, -3.25
CIElCh	81, 8.481, 202.530
Yxy	58.5927, 0.2943, 0.3277
Android (android.graphics.Color)	4290170575 (0xFFB6CECF)
YUV	198.9380, 3.9746, -14.8546
Hunter-Lab	76.5459, -11.2470, 1.2319

Details

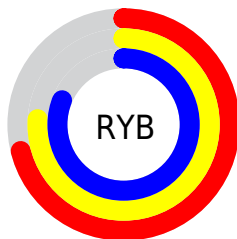
The Yxy color **58.5927, 0.2943, 0.3277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5039, 0.3343, 0.3303**, and the grayscale version is **57.0537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **29.4235, 0.2896, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **55.8547, 0.2800, 0.3265**, and if you desaturate by 10%, it is **61.7104, 0.3094, 0.3288**.

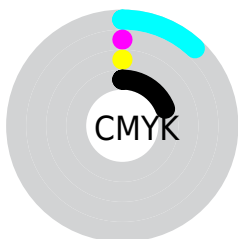
Distribution



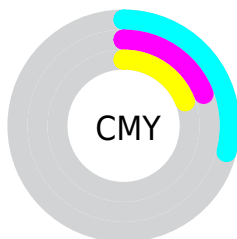
- Red (71%)
- Green (81%)
- Blue (81%)



- Red (71%)
- Yellow (76%)
- Blue (81%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)




- Cyan (29%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5927, 0.2943, 0.3277 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 58.5927, 0.2943, 0.3277 by changing the saturation by 10% instead.

 58.5927, 0.2943,
0.3277

 58.5927, 0.2943,
0.3277

419.3909, 0.3031,
0.3284

 42.2853, 0.2922,
0.3275

 102.7855, 0.2974,
0.3280

 29.3248, 0.2896,
0.3273


131.4396, 0.2986,
0.3281

 19.3266, 0.2862,
0.3270

164.9782, 0.2996,
0.3281

 11.9065, 0.2816,
0.3265

203.7856, 0.3005,
0.3282

 6.6801, 0.2751,
0.3258

248.2461, 0.3013,
0.3283

 3.2628, 0.2653,
0.3246

298.7443, 0.3020,

 1.2704, 0.2486,

0.3283

355.6644, 0.3026,
0.3284

0.3222

0.1181, 0.0000,
0.2493

0.0000, 0.0000,
0.0000

58.5927, 0.2943,
0.3277

58.5927, 0.2943,
0.3277

55.8547, 0.2800,
0.3265

61.7104, 0.3094,
0.3288

53.4728, 0.2667,
0.3253

65.2156, 0.3251,
0.3298

51.4318, 0.2549,
0.3240

69.1254, 0.3410,
0.3307

49.7129, 0.2447,
0.3227

71.5526, 0.3493,
0.3315

■ 48.2951, 0.2363,
0.3213

■ 71.9674, 0.3492,
0.3324

■ 47.1552, 0.2298,
0.3199

■ 72.3845, 0.3490,
0.3332

■ 46.2663, 0.2252,
0.3186

■ 72.8037, 0.3489,
0.3341

■ 45.5965, 0.2224,
0.3172

■ 73.2251, 0.3487,
0.3349

■ 45.1780, 0.2212,
0.3162

■ 73.6488, 0.3485,
0.3358

Harmonies

Analogous

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



58.5927, 0.3020, 0.3376



58.5927, 0.2943, 0.3277



58.5927, 0.2915, 0.3183

Triad

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



58.5927, 0.2943, 0.3277



58.5927, 0.3126, 0.3135



58.5927, 0.3314, 0.3459

Complementary

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



58.5927, 0.2943, 0.3277



50.5039, 0.3343, 0.3303

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.



58.5927, 0.3344, 0.3391



58.5927, 0.2943, 0.3277



58.5927, 0.3234, 0.3206

Square

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



58.5927, 0.2943, 0.3277



58.5927, 0.3019, 0.3104



58.5927, 0.3315, 0.3299



58.5927, 0.3234, 0.3483

Rectangle

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



58.5927, 0.2943, 0.3277



58.5927, 0.2928, 0.3137



58.5927, 0.3315, 0.3299



58.5927, 0.3330, 0.3441

Sweetspot

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



58.5951, 0.2943, 0.3277



97.8524, 0.3065, 0.3286



57.9912, 0.3107, 0.3594



20.8604, 0.3053, 0.3285



0.0000, 0.0000, 0.0000



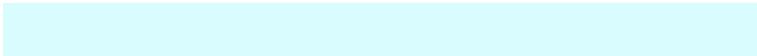
21.4041, 0.3127, 0.3290

Same Dimension

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



58.5951, 0.2943, 0.3277



92.4658, 0.2898, 0.3274



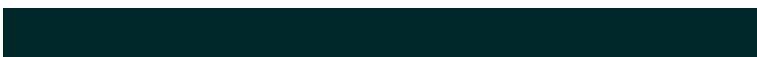
52.8791, 0.2940, 0.3124



13.3213, 0.2983, 0.3280



28.4897, 0.2212, 0.3164



1.6191, 0.2219, 0.3188

Inverse Universe

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



51.1663, 0.3149, 0.3006



77.8772, 0.3155, 0.2932



55.8244, 0.3324, 0.3451



12.0004, 0.3144, 0.3070



10.9473, 0.3313, 0.1599



0.6147, 0.3292, 0.1587

Previews

White Background



This preview shows how the Yxy color 58.5927, 0.2943, 0.3277 looks on a white background.

Color Contrast Check

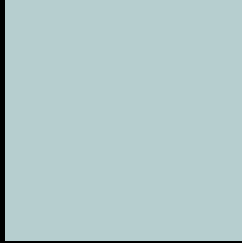
Large Text (above 18pt) WCAG AA × Fail

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 58.5927, 0.2943, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

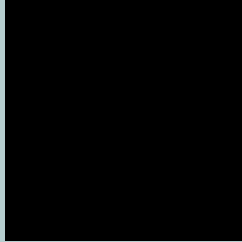
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

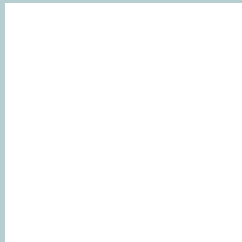
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5927, 0.2943, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 58.5927, 0.2943, 0.3277.

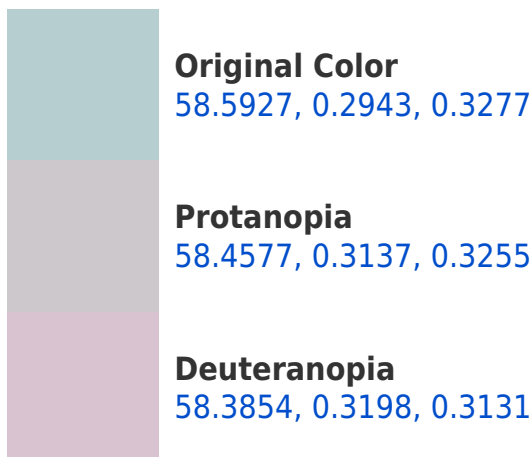


This preview shows how white text looks on a background with the Yxy color 58.5927, 0.2943, 0.3277.

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

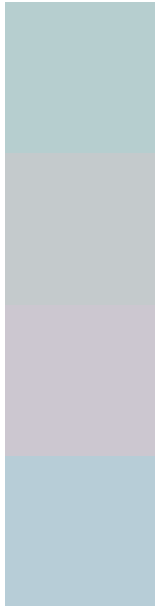




Tritanopia

58.5434, 0.2872, 0.3098

Trichromacy



Original Color

58.5927, 0.2943, 0.3277

Protanomaly

58.3365, 0.3067, 0.3266

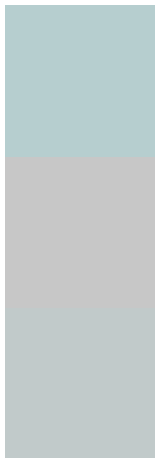
Deuteranomaly

58.2383, 0.3101, 0.3185

Tritanomaly

58.6362, 0.2898, 0.3169

Monochromacy



Original Color

58.5927, 0.2943, 0.3277

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.8428, 0.3058, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5927, 0.2943, 0.3277 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(182, 206, 207)` looks like.

```
.text, #text, p{  
    color:rgb(182, 206, 207)  
}
```

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(182, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 206, 207) }
```

Border

The CSS property to change the border of an element to Yxy 58.5927, 0.2943, 0.3277 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(182, 206, 207) }
```

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

```
.border{ border-color:rgb(182, 206, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 206, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 206, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 206, 207); box-shadow:4px 4px 4px 4px rgb(182, 206, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5927, 0.2943, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 206, 207) }
```

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

```
.background{ background-color: rgb(182,  
206, 207) }
```

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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