

Converting Colors

$Yxy(59.0734, 0.2617, 0.3298)$

Have a look what the booklet for
Yxy(59.0734, 0.2617, 0.3298)
contains.

Yxy(59.2523, 0.2617, 0.3301)	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(59.2523, 0.2617, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	88D8D7
RGB	136, 216, 215
RGB Percent	53%, 85%, 84%
CMY	0.4668, 0.1529, 0.1567
CMYK	0.37, 0.00, 0.00, 0.15
HSL	179°, 51%, 69%
HSV	179°, 37%, 85%
XYZ	46.9746, 59.2523, 73.2711
YIQ	191.9660, -47.3590, -17.2710

Conversions

Conversions Part 2

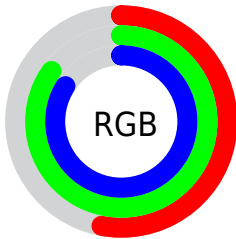
Format	Color
RYB	136, 176, 216
Decimal	8968407
CIELab	81.43, -24.64, -7.28
CIELCh	81, 25.693, 196.457
Yxy	59.2523, 0.2617, 0.3301
Android (android.graphics.Color)	4287158487 (0xFF88D8D7)
YUV	191.9660, 11.3558, -49.0822
Hunter-Lab	76.9755, -25.7768, -2.5538

Details

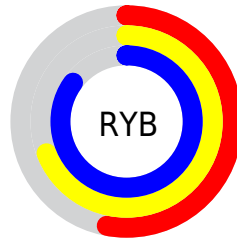
The Yxy color **59.2523, 0.2617, 0.3301** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.0058, 0.4016, 0.3281**, and the grayscale version is **52.6436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0775, 0.2768, 0.3289**, and **29.7771, 0.2496, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **57.6116, 0.2511, 0.3305**, and if you desaturate by 10%, it is **61.2622, 0.2739, 0.3298**.

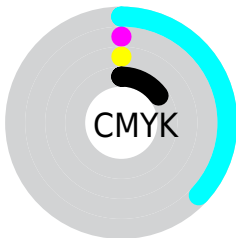
Distribution



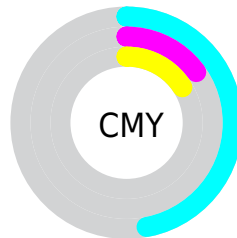
- Red (53%)
- Green (85%)
- Blue (84%)



- Red (53%)
- Yellow (69%)
- Blue (85%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)





- Cyan (47%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2523, 0.2617, 0.3301 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 59.2523, 0.2617, 0.3301 by changing the saturation by 10% instead.


 59.2523, 0.2617,
0.3301

 59.2523, 0.2617,
0.3301


421.8363, 0.2858,
0.3300


 42.8163, 0.2561,
0.3300


 103.7443, 0.2702,
0.3302

 29.7410, 0.2491,
0.3298


 132.5690, 0.2734,
0.3302

 19.6421, 0.2401,
0.3295


 166.2920, 0.2762,
0.3301

 12.1351, 0.2282,
0.3288

205.2978, 0.2787,
0.3301

 6.8358, 0.2118,
0.3276

249.9707, 0.2808,
0.3301

 3.3596, 0.1878,
0.3248

300.6952, 0.2827,

 1.3222, 0.1454,

0.3301

0.3197

357.8556, 0.2843,
0.3300

0.1583, 0.0000,
0.1886

0.0000, 0.0000,
0.0000

59.2523, 0.2617,
0.3301

59.2523, 0.2617,
0.3301

57.6116, 0.2511,
0.3305

61.2622, 0.2739,
0.3298

56.3109, 0.2423,
0.3308

63.6543, 0.2874,
0.3295

55.3282, 0.2355,
0.3312

66.4497, 0.3020,
0.3292

54.6359, 0.2305,
0.3316

69.6660, 0.3173,
0.3289

■ 54.2016, 0.2275,
0.3320

■ 73.3195, 0.3331,
0.3287

■ 53.9829, 0.2260,
0.3324

■ 75.3640, 0.3411,
0.3285

■ 53.9378, 0.2257,
0.3325

■ 75.3777, 0.3410,
0.3282

■ 75.3913, 0.3408,
0.3279

■ 75.4050, 0.3406,
0.3277

Harmonies

Analogous

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



59.2523, 0.2858, 0.3614



59.2523, 0.2617, 0.3301



59.2523, 0.2510, 0.3005

Triad

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



59.2523, 0.2617, 0.3301



59.2523, 0.3047, 0.2814



59.2523, 0.3724, 0.3754

Complementary

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



59.2523, 0.2617, 0.3301



34.0058, 0.4016, 0.3281

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.



59.2523, 0.3786, 0.3520



59.2523, 0.2617, 0.3301



59.2523, 0.3384, 0.2994

Square

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



59.2523, 0.2617, 0.3301



59.2523, 0.2747, 0.2745



59.2523, 0.3660, 0.3246



59.2523, 0.3498, 0.3878

Rectangle

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



59.2523, 0.2617, 0.3301



59.2523, 0.2524, 0.2860



59.2523, 0.3660, 0.3246



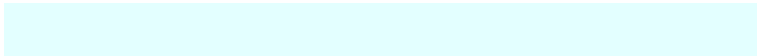
59.2523, 0.3765, 0.3685

Sweetspot

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



59.2546, 0.2617, 0.3301



95.0408, 0.2960, 0.3293



56.2360, 0.3084, 0.4405



20.2230, 0.2940, 0.3293



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.



59.2546, 0.2617, 0.3301



84.4741, 0.2537, 0.3304



41.7629, 0.2537, 0.2764



14.1052, 0.2984, 0.3292



31.9251, 0.2257, 0.3324



1.9264, 0.2255, 0.3317

Inverse Universe

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



34.0058, 0.4016, 0.3281



42.8636, 0.4290, 0.3279



46.9031, 0.3850, 0.3760



12.4232, 0.3289, 0.3288



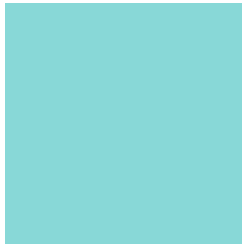
8.6456, 0.6387, 0.3292



0.5223, 0.6342, 0.3267

Previews

White Background



This preview shows how the Yxy color 59.2523, 0.2617, 0.3301 looks on a white background.

Color Contrast Check

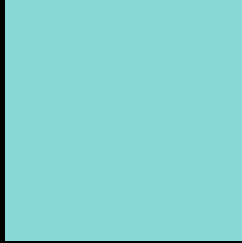
Large Text (above 18pt) WCAG AA × Fail

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 59.2523, 0.2617, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

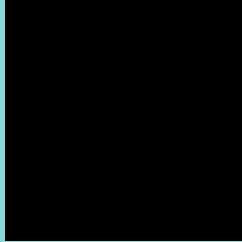
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

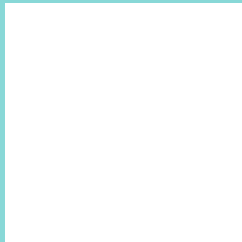
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.2523, 0.2617, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 59.2523, 0.2617, 0.3301.

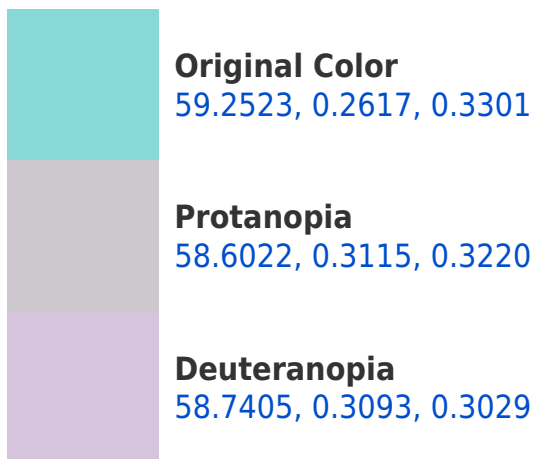


This preview shows how white text looks on a background with the Yxy color 59.2523, 0.2617, 0.3301.

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

59.4381, 0.2551, 0.3077

Trichromacy



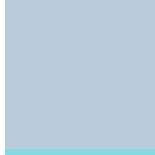
Original Color

59.2523, 0.2617, 0.3301



Protanomaly

58.3298, 0.2909, 0.3253



Deuteranomaly

58.0881, 0.2892, 0.3110



Tritanomaly

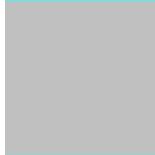
59.5261, 0.2579, 0.3162

Monochromacy



Original Color

59.2523, 0.2617, 0.3301



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

54.7141, 0.2916, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2523, 0.2617, 0.3301 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(136, 216, 215)` looks like.

```
.text, #text, p{  
    color:rgb(136, 216, 215)  
}
```

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(136, 216, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 216, 215) }
```

Border

The CSS property to change the border of an element to Yxy 59.2523, 0.2617, 0.3301 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(136, 216, 215) }
```

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

```
.border{ border-color:rgb(136, 216, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 216, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 216, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 216, 215); box-shadow:4px 4px 4px 4px rgb(136, 216, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2523, 0.2617, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 216, 215) }
```

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

```
.background{ background-color: rgb(136,  
216, 215) }
```

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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