

Converting Colors

$Yxy(59.3084, 0.2575, 0.3411)$

Have a look what the booklet for
Yxy(59.3084, 0.2575, 0.3411)
contains.

Yxy(59.3811, 0.2573, 0.3407)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.3811, 0.2573, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	79DBD2
RGB	121, 219, 210
RGB Percent	47%, 86%, 82%
CMY	0.5256, 0.1411, 0.1765
CMYK	0.45, 0.00, 0.04, 0.14
HSL	174°, 58%, 67%
HSV	174°, 45%, 86%
XYZ	44.8452, 59.3811, 70.0652
YIQ	188.6720, -55.5190, -23.5750

Conversions

Conversions Part 2

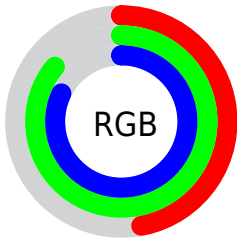
Format	Color
RYB	121, 172, 219
Decimal	7986130
CIELab	81.50, -31.01, -4.56
CIELCh	82, 31.345, 188.371
Yxy	59.3811, 0.2573, 0.3407
Android (android.graphics.Color)	4286176210 (0xFF79DBD2)
YUV	188.6720, 10.5147, -59.3483
Hunter-Lab	77.0591, -30.9739, 0.0326

Details

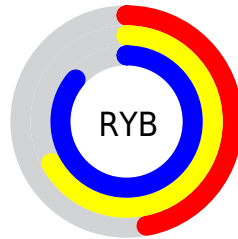
The Yxy color **59.3811, 0.2573, 0.3407** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.3405, 0.4206, 0.3184**, and the grayscale version is **50.6513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2050, 0.2691, 0.3289**, and **29.9754, 0.2434, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **57.8774, 0.2487, 0.3437**, and if you desaturate by 10%, it is **61.2498, 0.2676, 0.3378**.

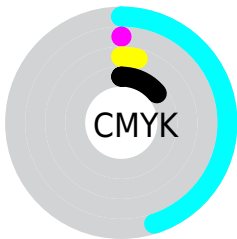
Distribution



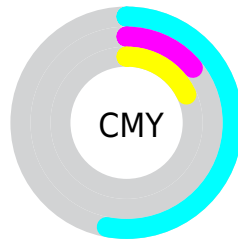
- Red (47%)
- Green (86%)
- Blue (82%)



- Red (47%)
- Yellow (67%)
- Blue (86%)



- Cyan (45%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)





- Cyan (53%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3811, 0.2573, 0.3407 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 59.3811, 0.2573, 0.3407 by changing the saturation by 10% instead.

 59.3811, 0.2573,
0.3407


 59.3811, 0.2573,
0.3407


422.3128, 0.2835,
0.3355


 42.9200, 0.2512,
0.3418


 103.9313, 0.2665,
0.3389

 29.8223, 0.2435,
0.3432


 132.7893, 0.2701,
0.3382

 19.7038, 0.2337,
0.3449


 166.5482, 0.2731,
0.3376

 12.1799, 0.2208,
0.3469

205.5927, 0.2758,
0.3371

 6.8663, 0.2029,
0.3494

250.3069, 0.2781,
0.3366

 3.3786, 0.1768,
0.3524

301.0754, 0.2801,

 1.3325, 0.1226,

0.3362

0.3604

358.2826, 0.2819,
0.3358

0.1661, 0.0000,
0.2494

0.0000, 0.0000,
0.0000

59.3811, 0.2573,
0.3407

59.3811, 0.2573,
0.3407

57.8774, 0.2487,
0.3437

61.2498, 0.2676,
0.3378

56.7071, 0.2419,
0.3469

63.4989, 0.2793,
0.3350

55.8449, 0.2370,
0.3500

66.1512, 0.2922,
0.3324


55.2585, 0.2341,
0.3532


69.2257, 0.3059,
0.3301


 54.9087, 0.2329,
0.3563


 72.7402, 0.3203,
0.3279

 54.7852, 0.2328,
0.3579

 76.7117, 0.3349,
0.3260

 77.3146, 0.3354,
0.3240

 77.4246, 0.3340,
0.3220

 77.5359, 0.3326,
0.3200

Harmonies

Analogous

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



59.3811, 0.2896, 0.3780



59.3811, 0.2573, 0.3407



59.3811, 0.2400, 0.3025

Triad

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



59.3811, 0.2573, 0.3407



59.3811, 0.2920, 0.2682



59.3811, 0.3896, 0.3779

Complementary

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



59.3811, 0.2573, 0.3407



30.3405, 0.4206, 0.3184

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.



59.3811, 0.3914, 0.3472



59.3811, 0.2573, 0.3407



59.3811, 0.3329, 0.2864

Square

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



59.3811, 0.2573, 0.3407



59.3811, 0.2590, 0.2638



59.3811, 0.3701, 0.3145



59.3811, 0.3664, 0.3983

Rectangle

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



59.3811, 0.2573, 0.3407



59.3811, 0.2384, 0.2827



59.3811, 0.3701, 0.3145



59.3811, 0.3928, 0.3684

Sweetspot

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



59.3834, 0.2573, 0.3407



94.0511, 0.2944, 0.3320



56.8549, 0.3123, 0.4660



19.9369, 0.2914, 0.3326



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.



59.3834, 0.2573, 0.3407



81.7537, 0.2489, 0.3437



41.7371, 0.2434, 0.2749



14.8078, 0.2994, 0.3311



32.4906, 0.2326, 0.3575



2.1111, 0.2312, 0.3524

Inverse Universe

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



30.3405, 0.4206, 0.3184



35.6633, 0.4588, 0.3167



41.6474, 0.4091, 0.3764



13.0709, 0.3277, 0.3269



8.9672, 0.6291, 0.3239



0.5878, 0.6005, 0.3082

Previews

White Background



This preview shows how the Yxy color 59.3811, 0.2573, 0.3407 looks on a white background.

Color Contrast Check

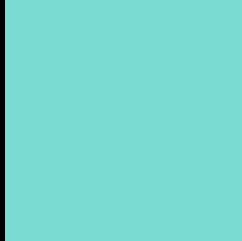
Large Text (above 18pt) WCAG AA × Fail

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 59.3811, 0.2573, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

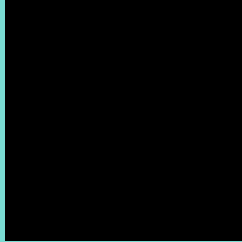
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

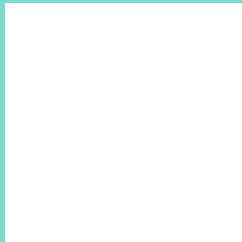
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3811, 0.2573, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 59.3811, 0.2573, 0.3407.

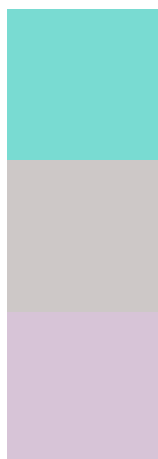


This preview shows how white text looks on a background with the Yxy color 59.3811, 0.2573, 0.3407.

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

59.3811, 0.2573, 0.3407

Protanopia

58.4112, 0.3174, 0.3302

Deuteranopia

58.8332, 0.3137, 0.3075



Tritanopia

59.5841, 0.2485, 0.3074

Trichromacy



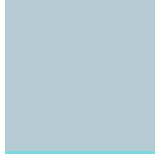
Original Color

59.3811, 0.2573, 0.3407



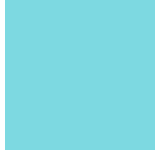
Protanomaly

57.9361, 0.2913, 0.3339



Deuteranomaly

57.8136, 0.2896, 0.3180



Tritanomaly

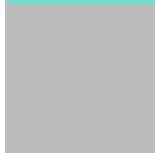
59.4219, 0.2512, 0.3186

Monochromacy



Original Color

59.3811, 0.2573, 0.3407



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

53.2323, 0.2879, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3811, 0.2573, 0.3407 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(121, 219, 210)` looks like.

```
.text, #text, p{  
    color:rgb(121, 219, 210)  
}
```

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(121, 219, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 219, 210) }
```

Border

The CSS property to change the border of an element to Yxy 59.3811, 0.2573, 0.3407 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(121, 219, 210) }
```

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

```
.border{ border-color:rgb(121, 219, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 219, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 219, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 219, 210);  
box-shadow:4px 4px 4px 4px rgb(121, 219,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3811, 0.2573, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 219, 210) }
```

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

```
.background{ background-color: rgb(121,  
219, 210) }
```

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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