

Converting Colors

$Y_{xy}(59.2222, 0.2596, 0.3229)$

Have a look what the booklet for
Yxy(59.2222, 0.2596, 0.3229)
contains.

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Color

Yxy(59.0865, 0.2594, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	89D7DC
RGB	137, 215, 220
RGB Percent	54%, 84%, 86%
CMY	0.4630, 0.1568, 0.1373
CMYK	0.38, 0.02, 0.00, 0.14
HSL	184°, 54%, 70%
HSV	184°, 38%, 86%
XYZ	47.5257, 59.0865, 76.6018
YIQ	192.2480, -48.0930, -14.9810

Conversions

Conversions Part 2

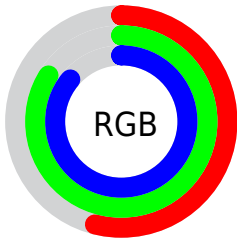
Format	Color
RYB	137, 177, 220
Decimal	9033692
CIELab	81.34, -22.71, -10.05
CIELCh	81, 24.834, 203.877
Yxy	59.0865, 0.2594, 0.3225
Android (android.graphics.Color)	4287223772 (0xFF89D7DC)
YUV	192.2480, 13.6817, -48.4525
Hunter-Lab	76.8677, -24.1558, -5.2774

Details

The Yxy color **59.0865, 0.2594, 0.3225** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.3373, 0.4031, 0.3353**, and the grayscale version is **52.7970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2093, 0.2773, 0.3289**, and **29.6076, 0.2461, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **56.7482, 0.2482, 0.3205**, and if you desaturate by 10%, it is **61.8138, 0.2721, 0.3244**.

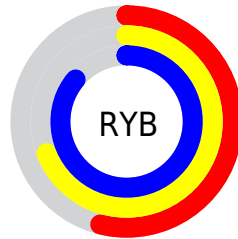
Distribution



Red (54%)

Green (84%)

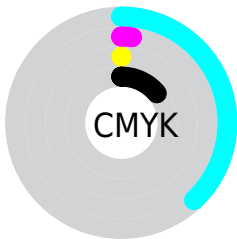
Blue (86%)



Red (54%)

Yellow (69%)

Blue (86%)

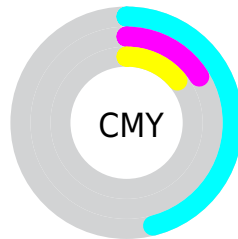


Cyan (38%)

Magenta (2%)

Yellow (0%)

Black (14%)



Cyan (46%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0865, 0.2594, 0.3225 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 59.0865, 0.2594, 0.3225 by changing the saturation by 10% instead.


 59.0865, 0.2594,
0.3225

 59.0865, 0.2594,
0.3225

421.2224, 0.2846,
0.3261


 42.6828, 0.2535,
0.3215

 103.5034, 0.2682,
0.3239

 29.6363, 0.2463,
0.3202

 132.2853, 0.2716,
0.3244

 19.5627, 0.2370,
0.3183


 165.9621, 0.2745,
0.3248

 12.0776, 0.2247,
0.3157

204.9181, 0.2771,
0.3252

 6.7965, 0.2078,
0.3115

249.5377, 0.2793,
0.3255

 3.3352, 0.1833,
0.3044

300.2054, 0.2813,

 1.3091, 0.1422,

0.3257

0.2913

357.3055, 0.2830,
0.3259

0.1482, 0.0000,
0.1464

0.0000, 0.0000,
0.0000

59.0865, 0.2594,
0.3225

59.0865, 0.2594,
0.3225

56.7482, 0.2482,
0.3205

61.8138, 0.2721,
0.3244

54.7687, 0.2388,
0.3185

64.9444, 0.2859,
0.3262

53.1245, 0.2313,
0.3165

68.5002, 0.3008,
0.3278

51.7866, 0.2257,
0.3144

72.4997, 0.3162,
0.3293

■ 50.7205, 0.2219,
0.3124

■ 76.9600, 0.3320,
0.3307

■ 49.8788, 0.2198,
0.3104

■ 79.1593, 0.3377,
0.3320

■ 49.7035, 0.2195,
0.3100

■ 79.8657, 0.3376,
0.3333

■ 80.5775, 0.3374,
0.3346

■ 81.2948, 0.3372,
0.3360

Harmonies

Analogous

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



59.0865, 0.2799, 0.3533



59.0865, 0.2594, 0.3225



59.0865, 0.2526, 0.2957

Triad

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



59.0865, 0.2594, 0.3225



59.0865, 0.3131, 0.2863



59.0865, 0.3663, 0.3782

Complementary

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



59.0865, 0.2594, 0.3225



36.3373, 0.4031, 0.3353

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.



59.0865, 0.3767, 0.3576



59.0865, 0.2594, 0.3225



59.0865, 0.3451, 0.3059

Square

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



59.0865, 0.2594, 0.3225



59.0865, 0.2824, 0.2767



59.0865, 0.3689, 0.3313



59.0865, 0.3415, 0.3864

Rectangle

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



59.0865, 0.2594, 0.3225



59.0865, 0.2564, 0.2836



59.0865, 0.3689, 0.3313



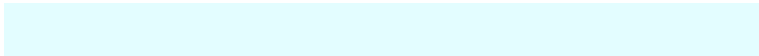
59.0865, 0.3717, 0.3724

Sweetspot

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



59.0888, 0.2594, 0.3225



93.9958, 0.2957, 0.3273



58.4195, 0.3050, 0.4376



19.9719, 0.2937, 0.3270



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.



59.0888, 0.2594, 0.3225



80.0312, 0.2508, 0.3210



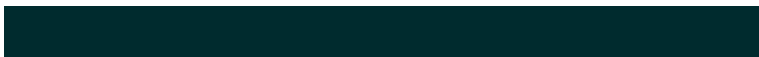
40.8717, 0.2513, 0.2674



14.6890, 0.2982, 0.3275



29.2330, 0.2195, 0.3103



1.9353, 0.2204, 0.3135

Inverse Universe

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



37.9942, 0.3217, 0.2410



46.8746, 0.3237, 0.2244



50.7268, 0.3844, 0.3833



13.2607, 0.3147, 0.3073



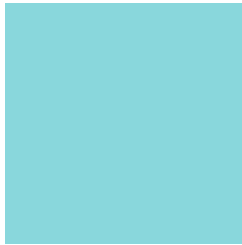
11.5749, 0.3364, 0.1627



0.7541, 0.3337, 0.1612

Previews

White Background



This preview shows how the Yxy color 59.0865, 0.2594, 0.3225 looks on a white background.

Color Contrast Check

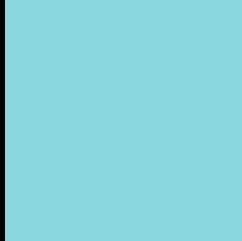
Large Text (above 18pt) WCAG AA × Fail

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 59.0865, 0.2594, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

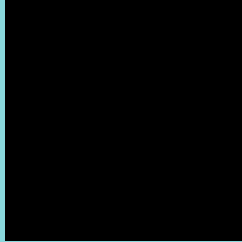
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0865, 0.2594, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 59.0865, 0.2594, 0.3225.

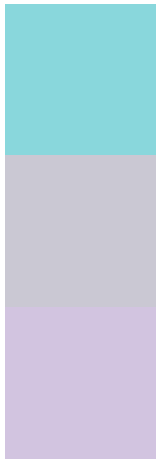


This preview shows how white text looks on a background with the Yxy color 59.0865, 0.2594, 0.3225.

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

59.0865, 0.2594, 0.3225

Protanopia

58.5683, 0.3064, 0.3161

Deuteranopia

58.5633, 0.3034, 0.2973



Tritanopia

58.9335, 0.2549, 0.3064

Trichromacy



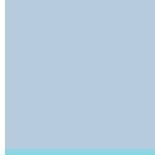
Original Color

59.0865, 0.2594, 0.3225



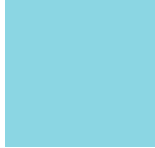
Protanomaly

57.9827, 0.2869, 0.3180



Deuteranomaly

58.1069, 0.2846, 0.3051



Tritanomaly

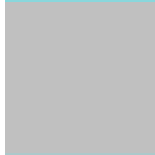
59.1282, 0.2566, 0.3125

Monochromacy



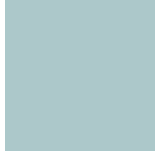
Original Color

59.0865, 0.2594, 0.3225



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

54.3435, 0.2903, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0865, 0.2594, 0.3225 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(137, 215, 220)` looks like.

```
.text, #text, p{  
    color:rgb(137, 215, 220)  
}
```

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(137, 215, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 215, 220) }
```

Border

The CSS property to change the border of an element to Yxy 59.0865, 0.2594, 0.3225 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(137, 215, 220) }
```

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

```
.border{ border-color:rgb(137, 215, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 215, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 215, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 215, 220);  
box-shadow:4px 4px 4px 4px rgb(137, 215,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0865, 0.2594, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 215, 220) }
```

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

```
.background{ background-color: rgb(137,  
215, 220) }
```

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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