

Converting Colors

$Yxy(59.8017, 0.2618, 0.3250)$

Have a look what the booklet for
Yxy(59.8017, 0.2618, 0.3250)
contains.

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Color

Yxy(59.8017, 0.2618, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	8CD8DB
RGB	140, 216, 219
RGB Percent	55%, 85%, 86%
CMY	0.4505, 0.1530, 0.1411
CMYK	0.36, 0.01, 0.00, 0.14
HSL	182°, 52%, 70%
HSV	182°, 36%, 86%
XYZ	48.1726, 59.8017, 76.0310
YIQ	193.6180, -46.2590, -15.1790

Conversions

Conversions Part 2

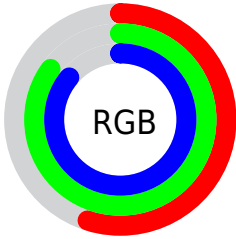
Format	Color
RYB	140, 179, 219
Decimal	9230555
CIELab	81.73, -22.60, -8.93
CIELCh	82, 24.304, 201.569
Yxy	59.8017, 0.2618, 0.3250
Android (android.graphics.Color)	4287420635 (0xFF8CD8DB)
YUV	193.6180, 12.5133, -47.0230
Hunter-Lab	77.3316, -24.1363, -4.1607

Details

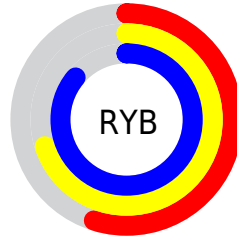
The Yxy color **59.8017, 0.2618, 0.3250** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.6478, 0.3980, 0.3329**, and the grayscale version is **53.6722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **30.1014, 0.2494, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **57.6552, 0.2506, 0.3238**, and if you desaturate by 10%, it is **62.3339, 0.2745, 0.3262**.

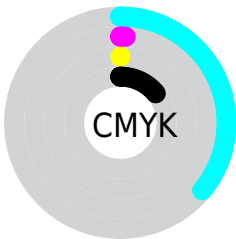
Distribution



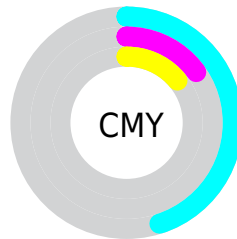
- Red (55%)
- Green (85%)
- Blue (86%)



- Red (55%)
- Yellow (70%)
- Blue (86%)



- Cyan (36%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)





- Cyan (45%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8017, 0.2618, 0.3250 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 59.8017, 0.2618, 0.3250 by changing the saturation by 10% instead.


 59.8017, 0.2618,
0.3250


 59.8017, 0.2618,
0.3250


423.8665, 0.2858,
0.3274

 43.2588, 0.2562,
0.3243


 104.5420, 0.2702,
0.3259

 30.0882, 0.2493,
0.3234


 133.5081, 0.2735,
0.3263

 19.9056, 0.2404,
0.3221


167.3842, 0.2763,
0.3265

 12.3264, 0.2287,
0.3202

206.5545, 0.2787,
0.3268

 6.9664, 0.2126,
0.3171

251.4035, 0.2808,
0.3270

 3.4411, 0.1891,
0.3117

302.3156, 0.2827,

 1.3661, 0.1505,

0.3271

0.3012

359.6751, 0.2843,
0.3273

0.1916, 0.0000,
0.1869

0.0000, 0.0000,
0.0000

59.8017, 0.2618,
0.3250

59.8017, 0.2618,
0.3250

57.6552, 0.2506,
0.3238

62.3339, 0.2745,
0.3262

55.8646, 0.2411,
0.3225

65.2654, 0.2885,
0.3273

54.4075, 0.2335,
0.3212

68.6178, 0.3034,
0.3284

53.2556, 0.2278,
0.3199

72.4090, 0.3190,
0.3294

■ 52.3760, 0.2240,
0.3186

■ 76.6560, 0.3349,
0.3303

■ 51.7280, 0.2219,
0.3173

■ 78.1050, 0.3387,
0.3311

■ 51.5058, 0.2214,
0.3168

■ 78.5506, 0.3386,
0.3320

■ 78.9983, 0.3384,
0.3328

■ 79.4483, 0.3383,
0.3336

Harmonies

Analogous

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



59.8017, 0.2828, 0.3549



59.8017, 0.2618, 0.3250



59.8017, 0.2541, 0.2982

Triad

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



59.8017, 0.2618, 0.3250



59.8017, 0.3106, 0.2862



59.8017, 0.3663, 0.3758

Complementary

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



59.8017, 0.2618, 0.3250



36.6478, 0.3980, 0.3329

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.



59.8017, 0.3751, 0.3551



59.8017, 0.2618, 0.3250



59.8017, 0.3421, 0.3047

Square

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



59.8017, 0.2618, 0.3250



59.8017, 0.2811, 0.2777



59.8017, 0.3662, 0.3293



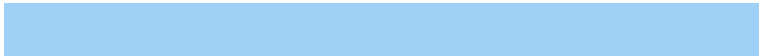
59.8017, 0.3430, 0.3849

Rectangle

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



59.8017, 0.2618, 0.3250



59.8017, 0.2570, 0.2858



59.8017, 0.3662, 0.3293



59.8017, 0.3711, 0.3699

Sweetspot

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



59.8041, 0.2618, 0.3250



94.3772, 0.2957, 0.3279



58.2316, 0.3061, 0.4336



20.0635, 0.2937, 0.3277



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.



59.8041, 0.2618, 0.3250



82.1334, 0.2534, 0.3241



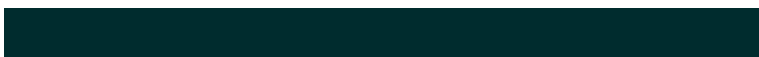
42.1191, 0.2545, 0.2726



14.7393, 0.2982, 0.3281



30.5744, 0.2214, 0.3170



2.0080, 0.2220, 0.3191

Inverse Universe

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



38.8090, 0.3196, 0.2432



48.5696, 0.3212, 0.2267



50.4949, 0.3810, 0.3792



13.2658, 0.3144, 0.3068



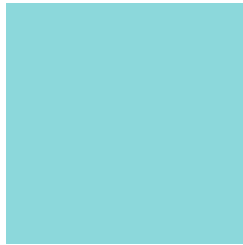
11.7103, 0.3307, 0.1595



0.7614, 0.3290, 0.1586

Previews

White Background



This preview shows how the Yxy color 59.8017, 0.2618, 0.3250 looks on a white background.

Color Contrast Check

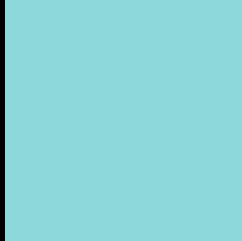
Large Text (above 18pt) WCAG AA × Fail

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 59.8017, 0.2618, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

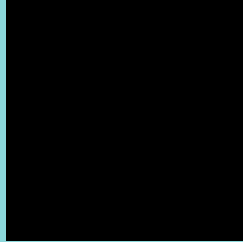
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

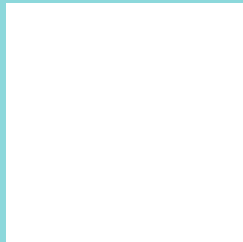
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8017, 0.2618, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 59.8017, 0.2618, 0.3250.

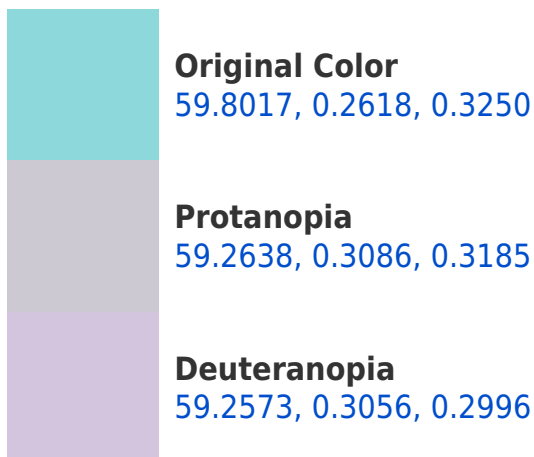


This preview shows how white text looks on a background with the Yxy color 59.8017, 0.2618, 0.3250.

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

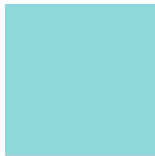




Tritanopia

59.7023, 0.2567, 0.3077

Trichromacy



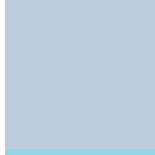
Original Color

59.8017, 0.2618, 0.3250



Protanomaly

58.7705, 0.2897, 0.3204



Deuteranomaly

58.8988, 0.2873, 0.3076



Tritanomaly

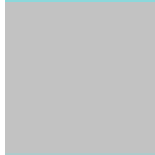
59.8977, 0.2584, 0.3138

Monochromacy



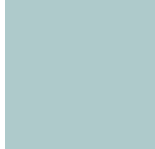
Original Color

59.8017, 0.2618, 0.3250



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

55.5515, 0.2911, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8017, 0.2618, 0.3250 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(140, 216, 219)` looks like.

```
.text, #text, p{  
    color:rgb(140, 216, 219)  
}
```

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(140, 216, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 216, 219) }
```

Border

The CSS property to change the border of an element to Yxy 59.8017, 0.2618, 0.3250 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(140, 216, 219) }
```

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

```
.border{ border-color:rgb(140, 216, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 216, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 216, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 216, 219);  
box-shadow:4px 4px 4px 4px rgb(140, 216,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8017, 0.2618, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 216, 219) }
```

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

```
.background{ background-color: rgb(140,  
216, 219) }
```

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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