

Converting Colors

$Yxy(59.1049, 0.2731, 0.3368)$

Have a look what the booklet for
Yxy(59.1049, 0.2731, 0.3368)
contains.

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Color

Yxy(59.1312, 0.2732, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	96D6D0
RGB	150, 214, 208
RGB Percent	59%, 84%, 82%
CMY	0.4119, 0.1608, 0.1841
CMYK	0.30, 0.00, 0.03, 0.16
HSL	174°, 44%, 71%
HSV	174°, 30%, 84%
XYZ	48.0079, 59.1312, 68.5852
YIQ	194.1800, -36.2180, -15.4340

Conversions

Conversions Part 2

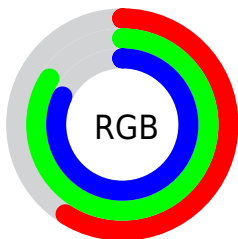
Format	Color
RYB	150, 184, 214
Decimal	9885392
CIELab	81.36, -21.48, -3.57
CIELCh	81, 21.772, 189.450
Yxy	59.1312, 0.2732, 0.3365
Android (android.graphics.Color)	4288075472 (0xFF96D6D0)
YUV	194.1800, 6.8133, -38.7459
Hunter-Lab	76.8968, -23.1291, 0.9463

Details

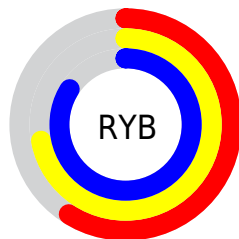
The Yxy color **59.1312, 0.2732, 0.3365** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.4952, 0.3731, 0.3218**, and the grayscale version is **54.0336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **29.6162, 0.2627, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **57.1885, 0.2622, 0.3394**, and if you desaturate by 10%, it is **61.4506, 0.2855, 0.3338**.

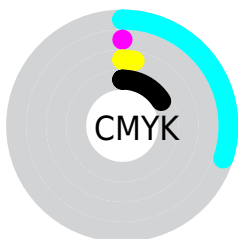
Distribution



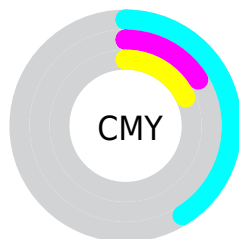
- Red (59%)
- Green (84%)
- Blue (82%)



- Red (59%)
- Yellow (72%)
- Blue (84%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)





- Cyan (41%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1312, 0.2732, 0.3365 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 59.1312, 0.2732, 0.3365 by changing the saturation by 10% instead.

 59.1312, 0.2732,
0.3365


 59.1312, 0.2732,
0.3365


421.3879, 0.2920,
0.3331

 42.7187, 0.2688,
0.3373


 103.5683, 0.2798,
0.3353

 29.6645, 0.2632,
0.3382


 132.3618, 0.2824,
0.3349

 19.5841, 0.2561,
0.3393

166.0510, 0.2846,
0.3345

 12.0931, 0.2466,
0.3407

205.0205, 0.2865,
0.3341

 6.8071, 0.2333,
0.3426

249.6545, 0.2881,
0.3338

 3.3418, 0.2134,
0.3449

300.3375, 0.2896,

 1.3126, 0.1784,

0.3336

0.3488

357.4538, 0.2909,
0.3333

0.1510, 0.0000,
0.2671

0.0000, 0.0000,
0.0000

59.1312, 0.2732,
0.3365

59.1312, 0.2732,
0.3365

57.1885, 0.2622,
0.3394

61.4506, 0.2855,
0.3338

55.5952, 0.2527,
0.3424

64.1582, 0.2988,
0.3313

54.3314, 0.2451,
0.3455

67.2739, 0.3128,
0.3290

53.3726, 0.2393,
0.3487

70.8140, 0.3273,
0.3269

■ 52.6906, 0.2354,
0.3519

■ 74.4194, 0.3404,
0.3250

■ 52.2521, 0.2334,
0.3551

■ 74.5244, 0.3390,
0.3230

■ 51.9974, 0.2329,
0.3582

■ 74.6306, 0.3376,
0.3210

■ 51.9957, 0.2329,
0.3583

■ 74.7381, 0.3361,
0.3190

■ 74.8468, 0.3347,
0.3170

Harmonies

Analogous

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



59.1312, 0.2960, 0.3616



59.1312, 0.2732, 0.3365



59.1312, 0.2610, 0.3104

Triad

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



59.1312, 0.2732, 0.3365



59.1312, 0.2995, 0.2859



59.1312, 0.3660, 0.3647

Complementary

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



59.1312, 0.2732, 0.3365



38.4952, 0.3731, 0.3218

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.



59.1312, 0.3674, 0.3436



59.1312, 0.2732, 0.3365



59.1312, 0.3281, 0.2994

Square

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



59.1312, 0.2732, 0.3365



59.1312, 0.2756, 0.2827



59.1312, 0.3533, 0.3200



59.1312, 0.3498, 0.3776

Rectangle

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



59.1312, 0.2732, 0.3365



59.1312, 0.2601, 0.2965



59.1312, 0.3533, 0.3200



59.1312, 0.3682, 0.3583

Sweetspot

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



59.1336, 0.2732, 0.3365



95.7673, 0.3000, 0.3311



57.4022, 0.3132, 0.4149



20.3619, 0.2979, 0.3314



0.0000, 0.0000, 0.0000



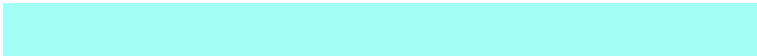
21.4041, 0.3127, 0.3290

Same Dimension

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



59.1336, 0.2732, 0.3365



86.0093, 0.2660, 0.3383



47.4686, 0.2661, 0.2952



14.0870, 0.2995, 0.3312



31.4338, 0.2327, 0.3578



1.9019, 0.2312, 0.3523

Inverse Universe

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



38.4952, 0.3731, 0.3218



50.4943, 0.3919, 0.3202



47.3841, 0.3702, 0.3604



12.4394, 0.3277, 0.3269



8.6782, 0.6288, 0.3237



0.5300, 0.5982, 0.3069

Previews

White Background



This preview shows how the Yxy color 59.1312, 0.2732, 0.3365 looks on a white background.

Color Contrast Check

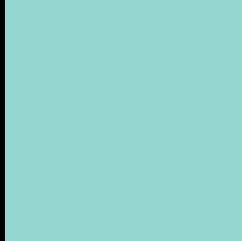
Large Text (above 18pt) WCAG AA × Fail

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 59.1312, 0.2732, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

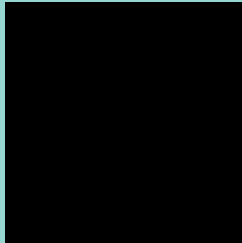
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

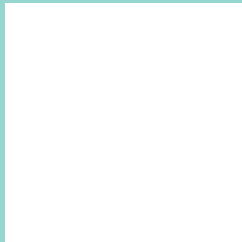
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1312, 0.2732, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 59.1312, 0.2732, 0.3365.



This preview shows how white text looks on a background with the Yxy color 59.1312, 0.2732, 0.3365.

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

59.1312, 0.2732, 0.3365

Protanopia

58.4578, 0.3166, 0.3290

Deuteranopia

58.3826, 0.3168, 0.3097



Tritanopia

59.0600, 0.2639, 0.3079

Trichromacy



Original Color

59.1312, 0.2732, 0.3365

Protanomaly

58.2887, 0.2992, 0.3314

Deuteranomaly

58.1507, 0.2989, 0.3182

Tritanomaly

59.0797, 0.2674, 0.3176

Monochromacy



Original Color

59.1312, 0.2732, 0.3365

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.3618, 0.2967, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1312, 0.2732, 0.3365 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(150, 214, 208)` looks like.

```
.text, #text, p{  
    color:rgb(150, 214, 208)  
}
```

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(150, 214, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 214, 208) }
```

Border

The CSS property to change the border of an element to Yxy 59.1312, 0.2732, 0.3365 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(150, 214, 208) }
```

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

```
.border{ border-color:rgb(150, 214, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 214, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 214, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 214, 208);  
box-shadow:4px 4px 4px 4px rgb(150, 214,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1312, 0.2732, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 214, 208) }
```

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

```
.background{ background-color: rgb(150,  
214, 208) }
```

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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