

Converting Colors

$Yxy(61.2135, 0.2766, 0.3339)$

Have a look what the booklet for
Yxy(61.2135, 0.2766, 0.3339)
contains.

Yxy(61.2361, 0.2766, 0.3339)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.2361, 0.2766, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	9FD8D4
RGB	159, 216, 212
RGB Percent	62%, 85%, 83%
CMY	0.3767, 0.1529, 0.1686
CMYK	0.26, 0.00, 0.02, 0.15
HSL	176°, 42%, 74%
HSV	176°, 26%, 85%
XYZ	50.7275, 61.2361, 71.4329
YIQ	198.5010, -32.6880, -13.3280

Conversions

Conversions Part 2

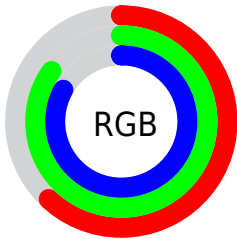
Format	Color
RYB	159, 189, 216
Decimal	10475732
CIELab	82.51, -19.02, -3.95
CIELCh	83, 19.423, 191.725
Yxy	61.2361, 0.2766, 0.3339
Android (android.graphics.Color)	4288665812 (0xFF9FD8D4)
YUV	198.5010, 6.6550, -34.6424
Hunter-Lab	78.2535, -21.2318, 0.6551

Details

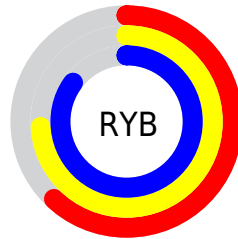
The Yxy color **61.2361, 0.2766, 0.3339** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.0180, 0.3652, 0.3243**, and the grayscale version is **56.7598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **30.9882, 0.2683, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **59.1445, 0.2649, 0.3360**, and if you desaturate by 10%, it is **63.7192, 0.2895, 0.3319**.

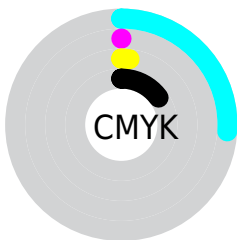
Distribution



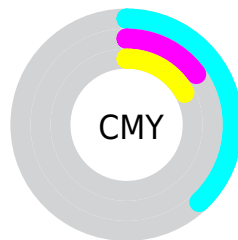
- Red (62%)
- Green (85%)
- Blue (83%)



- Red (62%)
- Yellow (74%)
- Blue (85%)



- Cyan (26%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)





- Cyan (38%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2361, 0.2766, 0.3339 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 61.2361, 0.2766, 0.3339 by changing the saturation by 10% instead.

 61.2361, 0.2766,
0.3339


 61.2361, 0.2766,
0.3339


429.1392, 0.2937,
0.3318

 44.4157, 0.2726,
0.3344


 106.6207, 0.2826,
0.3332

 30.9975, 0.2676,
0.3349


 135.9538, 0.2849,
0.3329

 20.5969, 0.2612,
0.3356


170.2265, 0.2869,
0.3326

 12.8297, 0.2527,
0.3364

209.8233, 0.2886,
0.3324

 7.3114, 0.2409,
0.3373

255.1286, 0.2901,
0.3322

 3.6576, 0.2233,
0.3385

306.5267, 0.2915,

 1.4839, 0.1948,

0.3321

364.4021, 0.2926,
0.3319

0.3394

0.2774, 0.0000,
0.3243

0.0000, 0.0000,
0.0000

61.2361, 0.2766,
0.3339

61.2361, 0.2766,
0.3339

59.1445, 0.2649,
0.3360

63.7192, 0.2895,
0.3319

57.4169, 0.2547,
0.3382

66.6051, 0.3034,
0.3301

56.0339, 0.2462,
0.3406

69.9135, 0.3180,
0.3284

54.9713, 0.2396,
0.3429

73.6610, 0.3329,
0.3269

■ 54.2016, 0.2349,
0.3453

■ 75.5271, 0.3390,
0.3255

■ 53.6929, 0.2321,
0.3477

■ 75.6078, 0.3379,
0.3239

■ 53.4047, 0.2310,
0.3500

■ 75.6893, 0.3368,
0.3224

■ 53.3293, 0.2308,
0.3508

■ 75.7715, 0.3357,
0.3209

■ 75.8544, 0.3347,
0.3194

Harmonies

Analogous

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



61.2361, 0.2963, 0.3562



61.2361, 0.2766, 0.3339



61.2361, 0.2665, 0.3112

Triad

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



61.2361, 0.2766, 0.3339



61.2361, 0.3030, 0.2914



61.2361, 0.3590, 0.3619

Complementary

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



61.2361, 0.2766, 0.3339



42.0180, 0.3652, 0.3243

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.



61.2361, 0.3613, 0.3437



61.2361, 0.2766, 0.3339



61.2361, 0.3282, 0.3040

Square

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



61.2361, 0.2766, 0.3339



61.2361, 0.2813, 0.2878



61.2361, 0.3498, 0.3227



61.2361, 0.3440, 0.3722

Rectangle

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



61.2361, 0.2766, 0.3339



61.2361, 0.2663, 0.2992



61.2361, 0.3498, 0.3227



61.2361, 0.3613, 0.3564

Sweetspot

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



61.2386, 0.2766, 0.3339



96.2420, 0.3011, 0.3304



59.4815, 0.3126, 0.4036



20.4581, 0.2989, 0.3307



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.



61.2386, 0.2766, 0.3339



87.3055, 0.2696, 0.3351



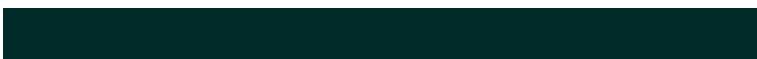
50.1247, 0.2714, 0.2984



14.0921, 0.2992, 0.3306



31.5664, 0.2307, 0.3505



1.9086, 0.2296, 0.3464

Inverse Universe

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



42.0180, 0.3652, 0.3243



54.5612, 0.3815, 0.3232



50.8538, 0.3619, 0.3577



12.4348, 0.3280, 0.3274



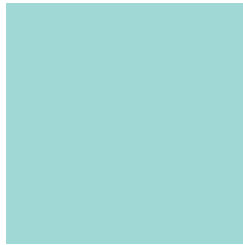
8.6677, 0.6319, 0.3255



0.5279, 0.6078, 0.3122

Previews

White Background



This preview shows how the Yxy color 61.2361, 0.2766, 0.3339 looks on a white background.

Color Contrast Check

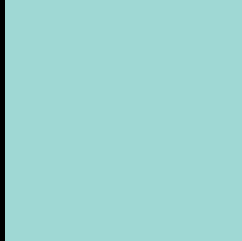
Large Text (above 18pt) WCAG AA × Fail

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 61.2361, 0.2766, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

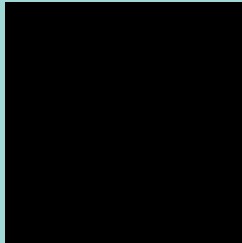
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

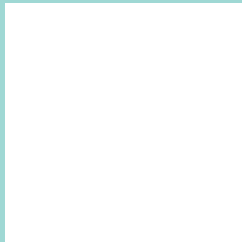
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2361, 0.2766, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 61.2361, 0.2766, 0.3339.

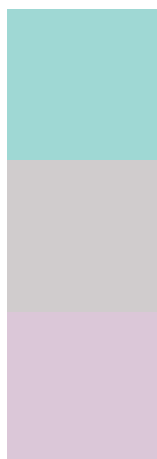


This preview shows how white text looks on a background with the Yxy color 61.2361, 0.2766, 0.3339.

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

61.2361, 0.2766, 0.3339

Protanopia

61.0034, 0.3151, 0.3279

Deuteranopia

60.8648, 0.3159, 0.3100



Tritanopia

61.0882, 0.2684, 0.3083

Trichromacy



Original Color

61.2361, 0.2766, 0.3339

Protanomaly

60.6130, 0.2995, 0.3290

Deuteranomaly

60.4393, 0.2998, 0.3173

Tritanomaly

61.1022, 0.2719, 0.3179

Monochromacy



Original Color

61.2361, 0.2766, 0.3339

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

58.1648, 0.2984, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2361, 0.2766, 0.3339 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(159, 216, 212)` looks like.

```
.text, #text, p{  
    color:rgb(159, 216, 212)  
}
```

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(159, 216, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 216, 212) }
```

Border

The CSS property to change the border of an element to Yxy 61.2361, 0.2766, 0.3339 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(159, 216, 212) }
```

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

```
.border{ border-color:rgb(159, 216, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 216, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 216, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 216, 212);  
box-shadow:4px 4px 4px 4px rgb(159, 216,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2361, 0.2766, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 216, 212) }
```

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

```
.background{ background-color: rgb(159,  
216, 212) }
```

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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