

Converting Colors

$Yxy(61.6104, 0.2761, 0.3337)$

Have a look what the booklet for
Yxy(61.6104, 0.2761, 0.3337)
contains.

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Color

Yxy(61.8007, 0.2762, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	9FD9D5
RGB	159, 217, 213
RGB Percent	62%, 85%, 84%
CMY	0.3764, 0.1490, 0.1648
CMYK	0.27, 0.00, 0.02, 0.15
HSL	176°, 43%, 74%
HSV	176°, 27%, 85%
XYZ	51.1212, 61.8007, 72.1656
YIQ	199.2020, -33.2840, -13.5400

Conversions

Conversions Part 2

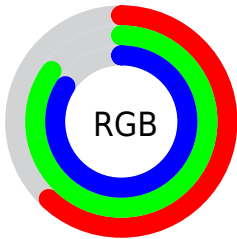
Format	Color
RYB	159, 189, 217
Decimal	10475989
CIELab	82.81, -19.27, -4.02
CIELCh	83, 19.686, 191.779
Yxy	61.8007, 0.2762, 0.3339
Android (android.graphics.Color)	4288666069 (0xFF9FD9D5)
YUV	199.2020, 6.8024, -35.2572
Hunter-Lab	78.6134, -21.4976, 0.6023

Details

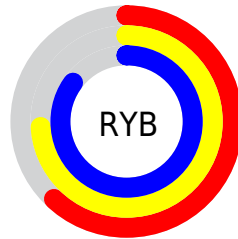
The Yxy color **61.8007, 0.2762, 0.3339** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.2026, 0.3660, 0.3243**, and the grayscale version is **57.2191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **31.3735, 0.2678, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **59.6994, 0.2645, 0.3360**, and if you desaturate by 10%, it is **64.2972, 0.2891, 0.3319**.

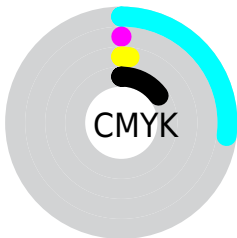
Distribution



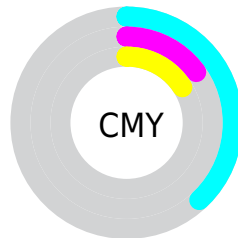
- Red (62%)
- Green (85%)
- Blue (84%)



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



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)




- Cyan (38%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8007, 0.2762, 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 61.8007, 0.2762, 0.3339 by changing the saturation by 10% instead.

 61.8007, 0.2762,
0.3339


 61.8007, 0.2762,
0.3339


431.2037, 0.2935,
0.3318

 44.8717, 0.2722,
0.3344


 107.4374, 0.2823,
0.3332

 31.3564, 0.2671,
0.3349

 136.9139, 0.2846,
0.3329

 20.8704, 0.2607,
0.3355

171.3417, 0.2866,
0.3327

 13.0293, 0.2522,
0.3363

211.1052, 0.2883,
0.3324

 7.4487, 0.2403,
0.3373

256.5887, 0.2899,
0.3322

 3.7443, 0.2228,
0.3384

308.1767, 0.2912,

 1.5316, 0.1944,

0.3321

366.2536, 0.2924,
0.3319

0.3392

0.3108, 0.0000,
0.3341

0.0000, 0.0000,
0.0000

61.8007, 0.2762,
0.3339

61.8007, 0.2762,
0.3339

59.6994, 0.2645,
0.3360

64.2972, 0.2891,
0.3319

57.9653, 0.2543,
0.3382

67.2003, 0.3030,
0.3301


56.5789, 0.2459,
0.3405


70.5300, 0.3175,
0.3285


55.5155, 0.2393,
0.3428


74.3031, 0.3325,
0.3270

 54.7472, 0.2347,
0.3452

 76.0819, 0.3382,
0.3255


 54.2417, 0.2320,
0.3475


 76.1625, 0.3371,
0.3240

 53.9570, 0.2309,
0.3498

 76.2437, 0.3361,
0.3225

 53.8876, 0.2307,
0.3506

 76.3257, 0.3350,
0.3210

 76.4085, 0.3339,
0.3195

Harmonies

Analogous

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



61.8007, 0.2961, 0.3564



61.8007, 0.2762, 0.3339



61.8007, 0.2660, 0.3110

Triad

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



61.8007, 0.2762, 0.3339



61.8007, 0.3029, 0.2910



61.8007, 0.3595, 0.3623

Complementary

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



61.8007, 0.2762, 0.3339



42.2026, 0.3660, 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.



61.8007, 0.3618, 0.3438



61.8007, 0.2762, 0.3339



61.8007, 0.3284, 0.3037

Square

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



61.8007, 0.2762, 0.3339



61.8007, 0.2810, 0.2874



61.8007, 0.3502, 0.3227



61.8007, 0.3443, 0.3727

Rectangle

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



61.8007, 0.2762, 0.3339



61.8007, 0.2658, 0.2989



61.8007, 0.3502, 0.3227



61.8007, 0.3618, 0.3567

Sweetspot

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



61.8032, 0.2762, 0.3339



96.2431, 0.3011, 0.3304



60.0083, 0.3125, 0.4046



20.4584, 0.2989, 0.3306



0.0000, 0.0000, 0.0000



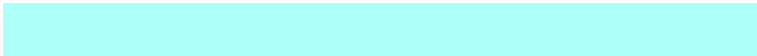
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8032, 0.2762, 0.3339



87.3099, 0.2695, 0.3351



50.4544, 0.2709, 0.2980



14.8131, 0.2992, 0.3306



32.6262, 0.2306, 0.3502



2.1185, 0.2296, 0.3464

Inverse Universe

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



42.2026, 0.3660, 0.3243



54.5584, 0.3816, 0.3232



51.1980, 0.3626, 0.3580



13.0661, 0.3281, 0.3274



8.9566, 0.6322, 0.3256



0.5855, 0.6095, 0.3131

Previews

White Background



This preview shows how the Yxy color 61.8007, 0.2762, 0.3339 looks on a white background.

Color Contrast Check

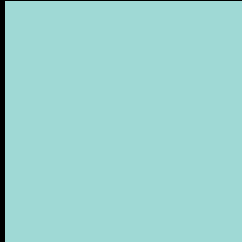
Large Text (above 18pt) WCAG AA × Fail

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 61.8007, 0.2762, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

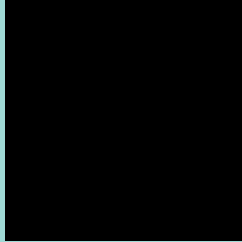
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

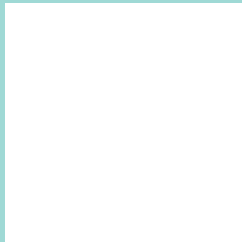
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8007, 0.2762, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 61.8007, 0.2762, 0.3339.

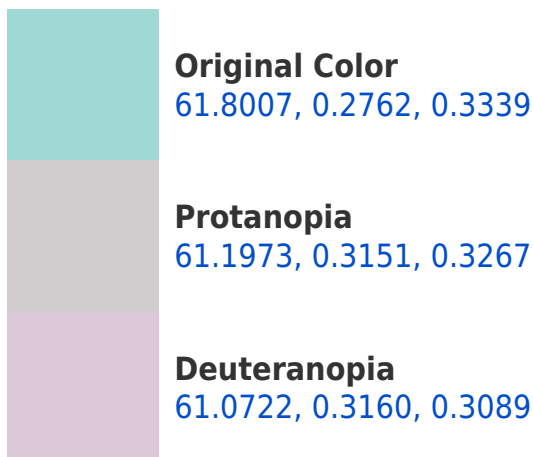


This preview shows how white text looks on a background with the Yxy color 61.8007, 0.2762, 0.3339.

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





Tritanopia

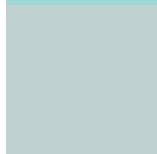
61.6492, 0.2680, 0.3084

Trichromacy



Original Color

61.8007, 0.2762, 0.3339



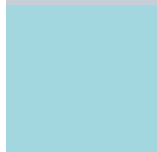
Protanomaly

61.2807, 0.2995, 0.3290



Deuteranomaly

61.1062, 0.2999, 0.3173



Tritanomaly

61.6641, 0.2715, 0.3179

Monochromacy



Original Color

61.8007, 0.2762, 0.3339



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

58.6926, 0.2978, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8007, 0.2762, 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, 217, 213)` looks like.

```
.text, #text, p{  
    color:rgb(159, 217, 213)  
}
```

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, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 217, 213) }
```

Border

The CSS property to change the border of an element to Yxy 61.8007, 0.2762, 0.3339 is called "border". The border property can be set on classes, ids or directly on the HTML element.

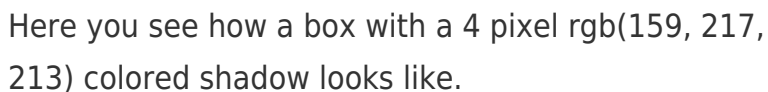
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 217, 213) }
```

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

```
.border{ border-color:rgb(159, 217, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 217, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 217, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 217, 213); box-shadow:4px 4px 4px 4px rgb(159, 217, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8007, 0.2762, 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, 217, 213) }
```

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

```
.background{ background-color: rgb(159,  
217, 213) }
```

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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