

Converting Colors

$Yxy(61.8670, 0.2752, 0.3367)$

Have a look what the booklet for
Yxy(61.8670, 0.2752, 0.3367)
contains.

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Color

Yxy(61.9642, 0.2750, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	9CDAD4
RGB	156, 218, 212
RGB Percent	61%, 85%, 83%
CMY	0.3885, 0.1450, 0.1686
CMYK	0.28, 0.00, 0.03, 0.15
HSL	174°, 46%, 73%
HSV	174°, 28%, 85%
XYZ	50.6544, 61.9642, 71.5793
YIQ	198.7780, -35.0260, -15.0100

Conversions

Conversions Part 2

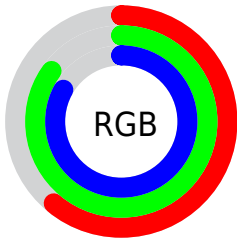
Format	Color
RYB	156, 189, 218
Decimal	10279636
CIELab	82.89, -20.89, -3.39
CIElCh	83, 21.162, 189.232
Yxy	61.9642, 0.2750, 0.3364
Android (android.graphics.Color)	4288469716 (0xFF9CDAD4)
YUV	198.7780, 6.5184, -37.5163
Hunter-Lab	78.7173, -22.8910, 1.1885

Details

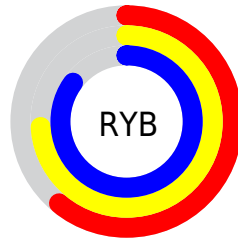
The Yxy color **61.9642, 0.2750, 0.3364** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.2666, 0.3690, 0.3219**, and the grayscale version is **56.9383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **31.4535, 0.2658, 0.3390** is the 20% darker color. If you saturate the color by 10%, you get **59.8788, 0.2638, 0.3394**, and if you desaturate by 10%, it is **64.4463, 0.2874, 0.3336**.

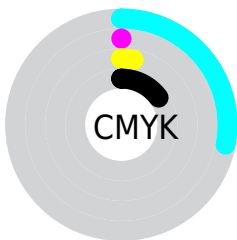
Distribution



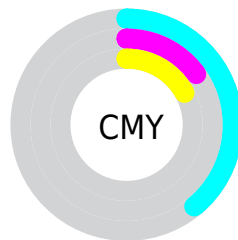
- Red (61%)
- Green (85%)
- Blue (83%)



- Red (61%)
- Yellow (74%)
- Blue (85%)



- Cyan (28%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)





- Cyan (39%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9642, 0.2750, 0.3364 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 61.9642, 0.2750, 0.3364 by changing the saturation by 10% instead.

 61.9642, 0.2750,
0.3364


 61.9642, 0.2750,
0.3364

431.8005, 0.2928,
0.3331

 45.0038, 0.2708,
0.3371


 107.6738, 0.2813,
0.3353

 31.4604, 0.2656,
0.3380


 137.1917, 0.2837,
0.3348

 20.9497, 0.2590,
0.3391


171.6643, 0.2857,
0.3344

 13.0872, 0.2502,
0.3406

211.4759, 0.2875,
0.3341

 7.4886, 0.2379,
0.3424

257.0110, 0.2891,
0.3338

 3.7695, 0.2198,
0.3448

308.6538, 0.2905,

 1.5455, 0.1906,

0.3335

0.3478

366.7888, 0.2917,
0.3333

0.3204, 0.0000,
0.3534

0.0000, 0.0000,
0.0000

61.9642, 0.2750,
0.3364

61.9642, 0.2750,
0.3364

59.8788, 0.2638,
0.3394

64.4463, 0.2874,
0.3336

58.1617, 0.2542,
0.3425


67.3368, 0.3008,
0.3310


56.7925, 0.2462,
0.3458

70.6565, 0.3149,
0.3287

55.7459, 0.2402,
0.3491


74.4222, 0.3293,
0.3265


 54.9929, 0.2361,
0.3524


 76.7168, 0.3366,
0.3245


 54.4997, 0.2339,
0.3558

 76.8312, 0.3351,
0.3224

 54.2153, 0.2333,
0.3590

 76.9469, 0.3336,
0.3203

 54.1792, 0.2332,
0.3595

 77.0641, 0.3321,
0.3182

 77.1828, 0.3307,
0.3161

Harmonies

Analogous

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



61.9642, 0.2969, 0.3603



61.9642, 0.2750, 0.3364



61.9642, 0.2632, 0.3114

Triad

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



61.9642, 0.2750, 0.3364



61.9642, 0.2999, 0.2876



61.9642, 0.3637, 0.3632

Complementary

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



61.9642, 0.2750, 0.3364



41.2666, 0.3690, 0.3219

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.



61.9642, 0.3650, 0.3429



61.9642, 0.2750, 0.3364



61.9642, 0.3272, 0.3005

Square

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



61.9642, 0.2750, 0.3364



61.9642, 0.2770, 0.2846



61.9642, 0.3514, 0.3203



61.9642, 0.3484, 0.3754

Rectangle

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



61.9642, 0.2750, 0.3364



61.9642, 0.2622, 0.2980



61.9642, 0.3514, 0.3203



61.9642, 0.3658, 0.3570

Sweetspot

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



61.9667, 0.2750, 0.3364



95.7618, 0.3000, 0.3312



60.2458, 0.3132, 0.4102



20.3605, 0.2980, 0.3315



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.



61.9667, 0.2750, 0.3364



86.5686, 0.2683, 0.3381



50.3435, 0.2683, 0.2971



14.8067, 0.2995, 0.3313



32.4615, 0.2331, 0.3590



2.1095, 0.2316, 0.3537

Inverse Universe

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



41.2666, 0.3690, 0.3219



52.5385, 0.3854, 0.3204



50.2574, 0.3669, 0.3588



13.0719, 0.3276, 0.3268



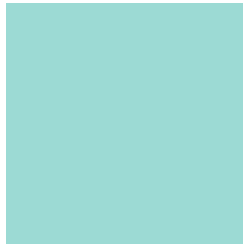
8.9697, 0.6283, 0.3235



0.5883, 0.5985, 0.3071

Previews

White Background



This preview shows how the Yxy color 61.9642, 0.2750, 0.3364 looks on a white background.

Color Contrast Check

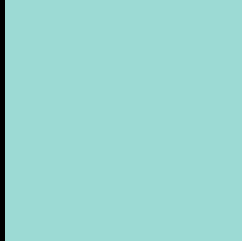
Large Text (above 18pt) WCAG AA × Fail

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 61.9642, 0.2750, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

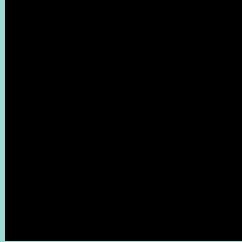
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

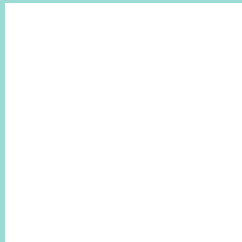
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9642, 0.2750, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 61.9642, 0.2750, 0.3364.

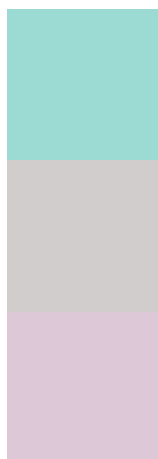


This preview shows how white text looks on a background with the Yxy color 61.9642, 0.2750, 0.3364.

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

61.9642, 0.2750, 0.3364

Protanopia

61.5776, 0.3165, 0.3302

Deuteranopia

61.6386, 0.3174, 0.3112



Tritanopia

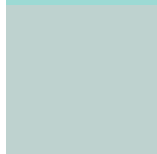
61.9007, 0.2658, 0.3084

Trichromacy



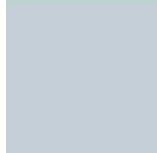
Original Color

61.9642, 0.2750, 0.3364



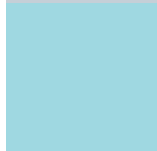
Protanomaly

61.5453, 0.3001, 0.3325



Deuteranomaly

61.4023, 0.2998, 0.3196



Tritanomaly

61.9189, 0.2692, 0.3179

Monochromacy



Original Color

61.9642, 0.2750, 0.3364



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

58.5695, 0.2971, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9642, 0.2750, 0.3364 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(156, 218, 212)` looks like.

```
.text, #text, p{  
    color:rgb(156, 218, 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(156, 218, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 218, 212) }
```

Border

The CSS property to change the border of an element to Yxy 61.9642, 0.2750, 0.3364 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(156, 218, 212) }
```

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

```
.border{ border-color:rgb(156, 218, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 218, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 218, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 218, 212);  
box-shadow:4px 4px 4px 4px rgb(156, 218,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9642, 0.2750, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 218, 212) }
```

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

```
.background{ background-color: rgb(156,  
218, 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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