

Converting Colors

$Yxy(61.4733, 0.2775, 0.3250)$

Have a look what the booklet for
Yxy(61.4733, 0.2775, 0.3250)
contains.

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Color

Yxy(61.2621, 0.2773, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	A6D6DA
RGB	166, 214, 218
RGB Percent	65%, 84%, 85%
CMY	0.3489, 0.1608, 0.1451
CMYK	0.24, 0.02, 0.00, 0.15
HSL	185°, 41%, 75%
HSV	185°, 24%, 85%
XYZ	52.4320, 61.2621, 75.3864
YIQ	200.1040, -29.8920, -8.9320

Conversions

Conversions Part 2

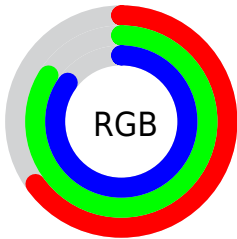
Format	Color
RYB	166, 191, 218
Decimal	10933978
CIELab	82.52, -14.58, -7.07
CIElCh	83, 16.208, 205.867
Yxy	61.2621, 0.2773, 0.3240
Android (android.graphics.Color)	4289124058 (0xFFA6D6DA)
YUV	200.1040, 8.8227, -29.9092
Hunter-Lab	78.2701, -17.3981, -2.3165

Details

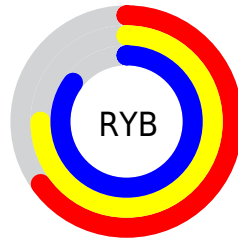
The Yxy color **61.2621, 0.2773, 0.3240** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.4215, 0.3610, 0.3339**, and the grayscale version is **57.7899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **30.9513, 0.2689, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **58.2597, 0.2640, 0.3216**, and if you desaturate by 10%, it is **64.6775, 0.2917, 0.3262**.

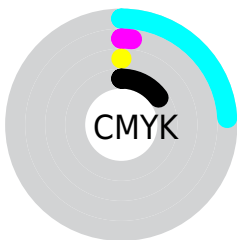
Distribution



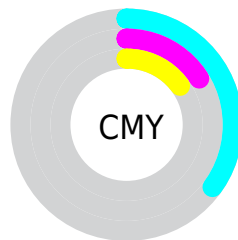
- Red (65%)
- Green (84%)
- Blue (85%)



- Red (65%)
- Yellow (75%)
- Blue (85%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)





- Cyan (35%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2621, 0.2773, 0.3240 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 61.2621, 0.2773, 0.3240 by changing the saturation by 10% instead.


 61.2621, 0.2773,
0.3240


 61.2621, 0.2773,
0.3240

429.2344, 0.2940,
0.3266

 44.4367, 0.2734,
0.3233


 106.6583, 0.2832,
0.3250

 31.0140, 0.2685,
0.3224

 135.9980, 0.2854,
0.3253

 20.6095, 0.2623,
0.3213


170.2779, 0.2874,
0.3256

 12.8389, 0.2540,
0.3196

209.8824, 0.2891,
0.3259

 7.3177, 0.2426,
0.3170

255.1959, 0.2905,
0.3261

 3.6616, 0.2257,
0.3129

306.6028, 0.2918,

 1.4861, 0.1984,

0.3263

0.3049

364.4875, 0.2930,
0.3265

0.2789, 0.0000,
0.2590

0.0000, 0.0000,
0.0000

61.2621, 0.2773,
0.3240

61.2621, 0.2773,
0.3240

58.2597, 0.2640,
0.3216

64.6775, 0.2917,
0.3262

55.6428, 0.2521,
0.3192

68.5172, 0.3068,
0.3283

53.3919, 0.2418,
0.3166

72.8013, 0.3224,
0.3301

51.4829, 0.2333,
0.3140

77.5463, 0.3382,
0.3318

■ 49.8887, 0.2267,
0.3113

■ 78.7680, 0.3392,
0.3335

■ 48.5780, 0.2220,
0.3087

■ 79.6654, 0.3390,
0.3352

■ 47.5128, 0.2191,
0.3061

■ 80.5716, 0.3387,
0.3368

■ 46.9394, 0.2179,
0.3045

■ 81.4868, 0.3385,
0.3385

■ 82.4110, 0.3382,
0.3402

Harmonies

Analogous

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



61.2621, 0.2905, 0.3433



61.2621, 0.2773, 0.3240



61.2621, 0.2734, 0.3069

Triad

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



61.2621, 0.2773, 0.3240



61.2621, 0.3146, 0.3015



61.2621, 0.3466, 0.3617

Complementary

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



61.2621, 0.2773, 0.3240



46.4215, 0.3610, 0.3339

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.



61.2621, 0.3537, 0.3492



61.2621, 0.2773, 0.3240



61.2621, 0.3349, 0.3150

Square

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



61.2621, 0.2773, 0.3240



61.2621, 0.2944, 0.2947



61.2621, 0.3494, 0.3322



61.2621, 0.3304, 0.3656

Rectangle

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



61.2621, 0.2773, 0.3240



61.2621, 0.2764, 0.2990



61.2621, 0.3494, 0.3322



61.2621, 0.3502, 0.3583

Sweetspot

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



61.2646, 0.2773, 0.3240



95.8973, 0.3018, 0.3276



61.1346, 0.3074, 0.3914



20.4534, 0.3009, 0.3275



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.



61.2646, 0.2773, 0.3240



84.9934, 0.2699, 0.3227



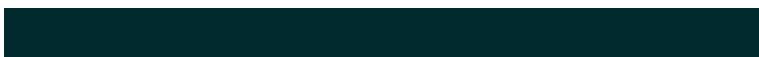
49.3755, 0.2746, 0.2917



14.6491, 0.2982, 0.3271



28.1950, 0.2180, 0.3049



1.8787, 0.2192, 0.3091

Inverse Universe

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



47.0455, 0.3188, 0.2742



61.1870, 0.3204, 0.2617



56.9048, 0.3542, 0.3636



13.2567, 0.3150, 0.3077



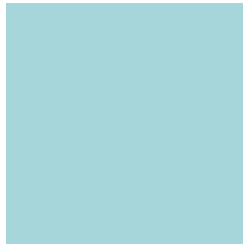
11.4701, 0.3411, 0.1653



0.7483, 0.3375, 0.1633

Previews

White Background



This preview shows how the Yxy color 61.2621, 0.2773, 0.3240 looks on a white background.

Color Contrast Check

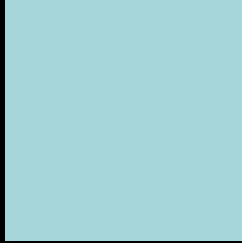
Large Text (above 18pt) WCAG AA × Fail

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 61.2621, 0.2773, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

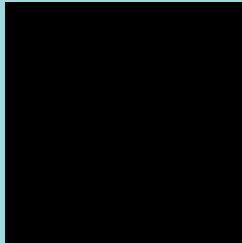
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

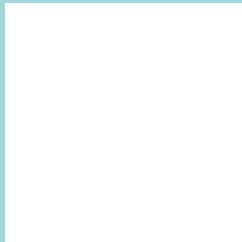
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2621, 0.2773, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 61.2621, 0.2773, 0.3240.

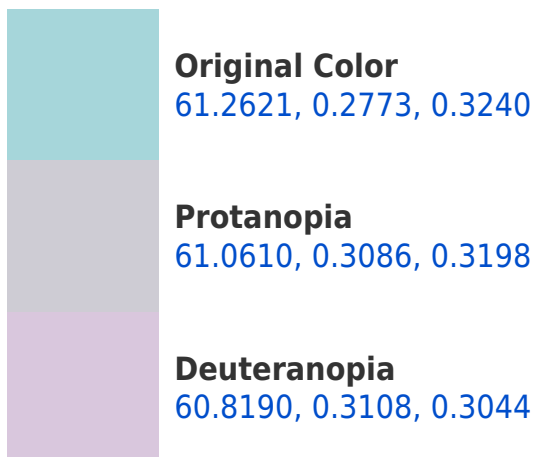


This preview shows how white text looks on a background with the Yxy color 61.2621, 0.2773, 0.3240.

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

61.0689, 0.2719, 0.3085

Trichromacy



Original Color

61.2621, 0.2773, 0.3240

Protanomaly

61.0432, 0.2962, 0.3219

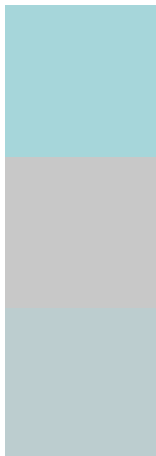
Deuteranomaly

60.3588, 0.2972, 0.3104

Tritanomaly

61.2402, 0.2737, 0.3144

Monochromacy



Original Color

61.2621, 0.2773, 0.3240

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.8590, 0.2987, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2621, 0.2773, 0.3240 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(166, 214, 218)` looks like.

```
.text, #text, p{  
    color:rgb(166, 214, 218)  
}
```

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(166, 214, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 214, 218) }
```

Border

The CSS property to change the border of an element to Yxy 61.2621, 0.2773, 0.3240 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(166, 214, 218) }
```

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

```
.border{ border-color:rgb(166, 214, 218) }
```

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

Here you see how a box with a 4 pixel rgb(166, 214, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 214, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 214, 218);  
box-shadow:4px 4px 4px 4px rgb(166, 214,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2621, 0.2773, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 214, 218) }
```

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

```
.background{ background-color: rgb(166,  
214, 218) }
```

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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