

Converting Colors

Yxy(61.9821, 0.2947, 0.3589)

Have a look what the booklet for
Yxy(61.9821, 0.2947, 0.3589)
contains.

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Color

Yxy(61.9110, 0.2946, 0.3590)

Conversions

Conversions Part 1	
Format	Color
Hex	A9D9C1
RGB	169, 217, 193
RGB Percent	66%, 85%, 76%
CMY	0.3372, 0.1490, 0.2430
CMYK	0.22, 0.00, 0.11, 0.15
HSL	150°, 39%, 76%
HSV	150°, 22%, 85%
XYZ	50.8050, 61.9110, 59.7381
YIQ	199.9120, -20.9040, -17.6400

Conversions

Conversions Part 2

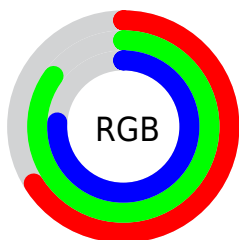
Format	Color
RYB	169, 201, 217
Decimal	11131329
CIELab	82.87, -20.37, 6.73
CIELCh	83, 21.448, 161.715
Yxy	61.9110, 0.2946, 0.3590
Android (android.graphics.Color)	4289321409 (0xFFA9D9C1)
YUV	199.9120, -3.4076, -27.1098
Hunter-Lab	78.6835, -22.4410, 10.0644

Details

The Yxy color `61.9110, 0.2946, 0.3590` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `46.9831, 0.3357, 0.3009`, and the grayscale version is `57.7368, 0.3127, 0.3290`.

A 20% lighter version of the original color is `94.3671, 0.2979, 0.3350`, and `31.4471, 0.2895, 0.3662` is the 20% darker color. If you saturate the color by 10%, you get `59.2427, 0.2871, 0.3749`, and if you desaturate by 10%, it is `65.0182, 0.3026, 0.3445`.

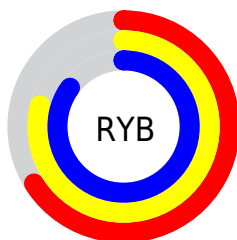
Distribution



Red (66%)

Green (85%)

Blue (76%)



Red (66%)

Yellow (79%)

Blue (85%)

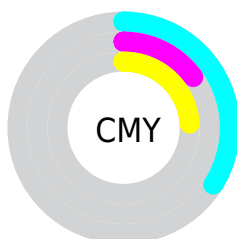


Cyan (22%)

Magenta (0%)

Yellow (11%)

Black (15%)



Cyan (34%)


Magenta (15%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9110, 0.2946, 0.3590 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 61.9110, 0.2946, 0.3590 by changing the saturation by 10% instead.


 61.9110, 0.2946,
0.3590

 61.9110, 0.2946,
0.3590


431.6064, 0.3034,
0.3444

 44.9608, 0.2925,
0.3625


 107.5969, 0.2977,
0.3538

 31.4265, 0.2898,
0.3670

137.1014, 0.2989,
0.3518

 20.9239, 0.2863,
0.3729


171.5594, 0.2999,
0.3501

 13.0684, 0.2816,
0.3808

211.3553, 0.3008,
0.3486

 7.4756, 0.2749,
0.3923

256.8736, 0.3016,
0.3474

 3.7613, 0.2644,
0.4104


308.4986, 0.3023,


 1.5410, 0.2460,


0.3463


0.4424

366.6147, 0.3029,
0.3453


 0.3173, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 61.9110, 0.2946,
0.3590


 61.9110, 0.2946,
0.3590


 59.2427, 0.2871,
0.3749


 65.0182, 0.3026,
0.3445

 56.9852, 0.2804,
0.3922


 68.5757, 0.3109,
0.3316


 55.1191, 0.2750,
0.4107


 72.6038, 0.3193,
0.3200


 53.6200, 0.2710,
0.4300


 76.9645, 0.3270,
0.3098


 52.4610, 0.2688,
0.4498

 77.6154, 0.3196,
0.2993

 51.6110, 0.2686,
0.4693

 78.1055, 0.3145,
0.2920

 51.0332, 0.2704,
0.4882

 50.7206, 0.2729,
0.5024

Harmonies

Analogous

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



61.9110, 0.3216, 0.3748



61.9110, 0.2946, 0.3590



61.9110, 0.2731, 0.3343

Triad

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



61.9110, 0.2946, 0.3590



61.9110, 0.2782, 0.2839



61.9110, 0.3662, 0.3449

Complementary

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



61.9110, 0.2946, 0.3590



46.9831, 0.3357, 0.3009

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.



61.9110, 0.3536, 0.3220



61.9110, 0.2946, 0.3590



61.9110, 0.3020, 0.2878

Square

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



61.9110, 0.2946, 0.3590



61.9110, 0.2639, 0.2912



61.9110, 0.3297, 0.3015



61.9110, 0.3636, 0.3650

Rectangle

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



61.9110, 0.2946, 0.3590



61.9110, 0.2644, 0.3172



61.9110, 0.3297, 0.3015



61.9110, 0.3636, 0.3373

Sweetspot

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



61.9136, 0.2946, 0.3590



96.2092, 0.3068, 0.3378



63.8291, 0.3275, 0.3873



20.5261, 0.3063, 0.3386



0.0000, 0.0000, 0.0000



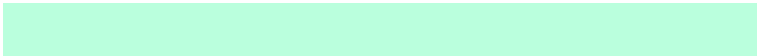
21.4041, 0.3127, 0.3290

Same Dimension

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



61.9136, 0.2946, 0.3590



87.1771, 0.2907, 0.3670



63.0719, 0.2800, 0.3289



14.7144, 0.3048, 0.3409



30.7250, 0.2722, 0.4998



2.0079, 0.2639, 0.4700

Inverse Universe

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



46.9831, 0.3357, 0.3009



61.6375, 0.3426, 0.2940



45.9985, 0.3575, 0.3291



13.1595, 0.3214, 0.3174



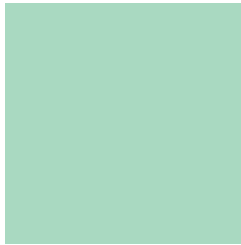
9.6121, 0.4951, 0.2501



0.6401, 0.4591, 0.2303

Previews

White Background



This preview shows how the Yxy color 61.9110, 0.2946, 0.3590 looks on a white background.

Color Contrast Check

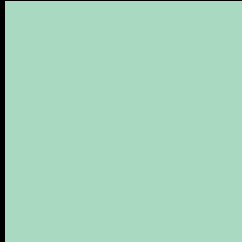
Large Text (above 18pt) WCAG AA × Fail

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 61.9110, 0.2946, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

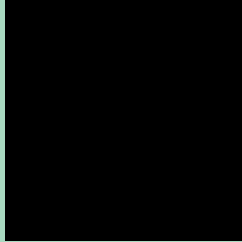
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

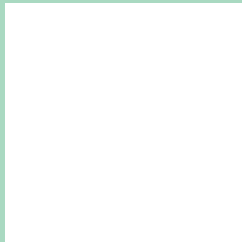
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9110, 0.2946, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 61.9110, 0.2946, 0.3590.

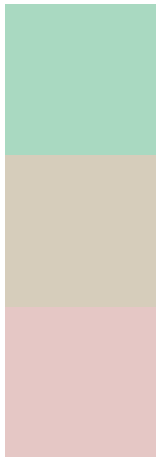


This preview shows how white text looks on a background with the Yxy color 61.9110, 0.2946, 0.3590.

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

61.9110, 0.2946, 0.3590

Protanopia

61.5466, 0.3328, 0.3499

Deuteranopia


61.5361, 0.3382, 0.3313




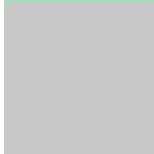

Tritanopia

61.9742, 0.2769, 0.3088

Trichromacy

	Original Color 61.9110, 0.2946, 0.3590
	Protanomaly 61.2808, 0.3184, 0.3530
	Deuteranomaly 61.3935, 0.3206, 0.3407
	Tritanomaly 61.9352, 0.2829, 0.3265

Monochromacy

	Original Color 61.9110, 0.2946, 0.3590
	Achromatopsia 57.7580, 0.3127, 0.3290
	Achromatomaly 58.9926, 0.3062, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9110, 0.2946, 0.3590 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(169, 217, 193)` looks like.

```
.text, #text, p{  
    color:rgb(169, 217, 193)  
}
```

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(169, 217, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 217, 193) }
```

Border

The CSS property to change the border of an element to Yxy 61.9110, 0.2946, 0.3590 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(169, 217, 193) }
```

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

```
.border{ border-color:rgb(169, 217, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 217, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 217, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 217, 193);  
box-shadow:4px 4px 4px 4px rgb(169, 217,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9110, 0.2946, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 217, 193) }
```

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

```
.background{ background-color: rgb(169,  
217, 193) }
```

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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