

Converting Colors

$Yxy(61.9437, 0.2973, 0.3687)$

Have a look what the booklet for
Yxy(61.9437, 0.2973, 0.3687)
contains.

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Color

Yxy(61.9462, 0.2970, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	A7DABB
RGB	167, 218, 187
RGB Percent	65%, 85%, 73%
CMY	0.3453, 0.1450, 0.2667
CMYK	0.23, 0.00, 0.14, 0.15
HSL	144°, 41%, 75%
HSV	144°, 23%, 85%
XYZ	49.9675, 61.9462, 56.3270
YIQ	199.2170, -20.4450, -20.4530

Conversions

Conversions Part 2

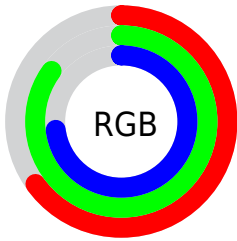
Format	Color
RYB	167, 204, 218
Decimal	11000507
CIELab	82.88, -22.69, 9.94
CIElCh	83, 24.769, 156.343
Yxy	61.9462, 0.2970, 0.3682
Android (android.graphics.Color)	4289190587 (0xFFA7DABB)
YUV	199.2170, -6.0230, -28.2543
Hunter-Lab	78.7059, -24.4123, 12.6624

Details

The Yxy color **61.9462, 0.2970, 0.3682** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.6028, 0.3325, 0.2928**, and the grayscale version is **57.2946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6790, 0.3000, 0.3412**, and **31.4930, 0.2926, 0.3786** is the 20% darker color. If you saturate the color by 10%, you get **59.2305, 0.2909, 0.3881**, and if you desaturate by 10%, it is **65.1196, 0.3036, 0.3502**.

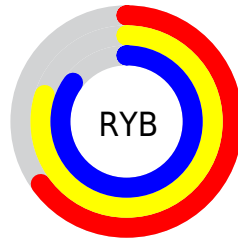
Distribution



Red (65%)

Green (85%)

Blue (73%)



Red (65%)

Yellow (80%)

Blue (85%)

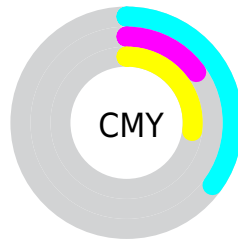


Cyan (23%)

Magenta (0%)

Yellow (14%)

Black (15%)



Cyan (35%)


Magenta (15%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9462, 0.2970, 0.3682 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 61.9462, 0.2970, 0.3682 by changing the saturation by 10% instead.


 61.9462, 0.2970,
0.3682


 61.9462, 0.2970,
0.3682


431.7348, 0.3047,
0.3490

 44.9892, 0.2951,
0.3729


 107.6478, 0.2998,
0.3613

 31.4489, 0.2927,
0.3788


 137.1612, 0.3008,
0.3587

 20.9409, 0.2895,
0.3866


171.6288, 0.3017,
0.3565

 13.0808, 0.2851,
0.3973

211.4351, 0.3025,
0.3546

 7.4842, 0.2788,
0.4128

256.9645, 0.3032,
0.3529

 3.7667, 0.2686,
0.4372


308.6013, 0.3038,

 1.5440, 0.2503,

0.3514

0.4819


366.7299, 0.3043,
0.3501


 0.3194, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 61.9462, 0.2970,
0.3682


 61.9462, 0.2970,
0.3682

 59.2305, 0.2909,
0.3881


 65.1196, 0.3036,
0.3502


 56.9434, 0.2855,
0.4096

 68.7631, 0.3104,
0.3341


 55.0640, 0.2811,
0.4326


 72.8978, 0.3172,
0.3198

 53.5670, 0.2782,
0.4563

 77.5418, 0.3239,
0.3073


 52.4237, 0.2770,
0.4800

 78.5180, 0.3156,
0.2947

 51.6013, 0.2777,
0.5030

 78.6318, 0.3144,
0.2930

 51.0605, 0.2802,
0.5241

 50.8162, 0.2825,
0.5368

Harmonies

Analogous

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



61.9462, 0.3284, 0.3839



61.9462, 0.2970, 0.3682



61.9462, 0.2707, 0.3405

Triad

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



61.9462, 0.2970, 0.3682



61.9462, 0.2691, 0.2777



61.9462, 0.3732, 0.3423

Complementary

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



61.9462, 0.2970, 0.3682



46.6028, 0.3325, 0.2928

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.



61.9462, 0.3557, 0.3162



61.9462, 0.2970, 0.3682



61.9462, 0.2947, 0.2801

Square

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



61.9462, 0.2970, 0.3682



61.9462, 0.2552, 0.2882



61.9462, 0.3265, 0.2940



61.9462, 0.3734, 0.3666

Rectangle

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



61.9462, 0.2970, 0.3682



61.9462, 0.2592, 0.3202



61.9462, 0.3265, 0.2940



61.9462, 0.3691, 0.3335

Sweetspot

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



61.9488, 0.2970, 0.3682



96.0913, 0.3079, 0.3397



65.0056, 0.3328, 0.3902



20.4988, 0.3075, 0.3407



0.0000, 0.0000, 0.0000



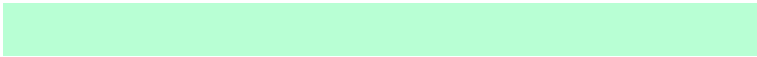
21.4041, 0.3127, 0.3290

Same Dimension

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



61.9488, 0.2970, 0.3682



86.3949, 0.2940, 0.3776



63.1181, 0.2817, 0.3362



14.6904, 0.3063, 0.3435



30.4585, 0.2817, 0.5341



1.9899, 0.2725, 0.5010

Inverse Universe

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



46.6028, 0.3325, 0.2928



60.9204, 0.3377, 0.2851



45.5399, 0.3554, 0.3220



13.1838, 0.3197, 0.3149



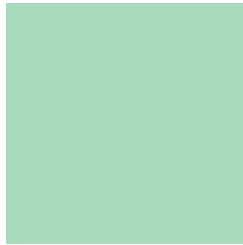
9.9575, 0.4502, 0.2253



0.6618, 0.4235, 0.2107

Previews

White Background



This preview shows how the Yxy color 61.9462, 0.2970, 0.3682 looks on a white background.

Color Contrast Check

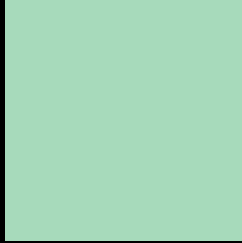
Large Text (above 18pt) WCAG AA × Fail

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 61.9462, 0.2970, 0.3682 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

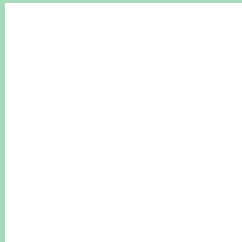
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9462, 0.2970, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 61.9462, 0.2970, 0.3682.



This preview shows how white text looks on a background with the Yxy color 61.9462, 0.2970, 0.3682.

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

61.9462, 0.2970, 0.3682

Protanopia

61.4050, 0.3388, 0.3581

Deuteranopia

61.5974, 0.3445, 0.3380



Tritanopia

61.8581, 0.2763, 0.3087

Trichromacy



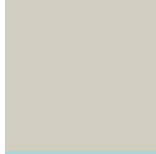
Original Color

61.9462, 0.2970, 0.3682



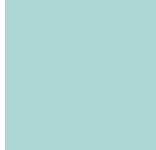
Protanomaly

61.5179, 0.3225, 0.3615



Deuteranomaly

61.2702, 0.3257, 0.3478



Tritanomaly

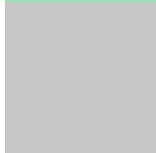
61.7188, 0.2835, 0.3289

Monochromacy



Original Color

61.9462, 0.2970, 0.3682



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

58.6475, 0.3061, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9462, 0.2970, 0.3682 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(167, 218, 187)` looks like.

```
.text, #text, p{  
    color:rgb(167, 218, 187)  
}
```

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(167, 218, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 218, 187) }
```

Border

The CSS property to change the border of an element to Yxy 61.9462, 0.2970, 0.3682 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(167, 218, 187) }
```

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

```
.border{ border-color:rgb(167, 218, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 218, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 218, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 218, 187);  
box-shadow:4px 4px 4px 4px rgb(167, 218,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9462, 0.2970, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 218, 187) }
```

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

```
.background{ background-color: rgb(167,  
218, 187) }
```

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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