

Converting Colors

Yxy(61.9887, 0.2937, 0.3854)

Have a look what the booklet for
Yxy(61.9887, 0.2937, 0.3854)
contains.

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Color

Yxy(61.6996, 0.2934, 0.3850)

Conversions

Conversions Part 1

Format	Color
Hex	99DDB2
RGB	153, 221, 178
RGB Percent	60%, 87%, 70%
CMY	0.4002, 0.1333, 0.3020
CMYK	0.31, 0.00, 0.19, 0.13
HSL	142°, 50%, 73%
HSV	142°, 31%, 87%
XYZ	47.0199, 61.6996, 51.5392
YIQ	195.7660, -26.7250, -27.7890

Conversions

Conversions Part 2

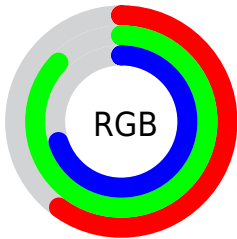
Format	Color
RYB	153, 203, 221
Decimal	10083762
CIELab	82.75, -30.22, 14.40
CIELCh	83, 33.472, 154.525
Yxy	61.6996, 0.2934, 0.3850
Android (android.graphics.Color)	4288273842 (0xFF99DDB2)
YUV	195.7660, -8.7586, -37.5058
Hunter-Lab	78.5491, -30.6099, 16.0818

Details

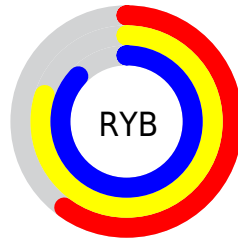
The Yxy color **61.6996, 0.2934, 0.3850** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.1247, 0.3390, 0.2791**, and the grayscale version is **55.1139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0158, 0.2966, 0.3510**, and **31.4624, 0.2884, 0.4016** is the 20% darker color. If you saturate the color by 10%, you get **59.2150, 0.2880, 0.4071**, and if you desaturate by 10%, it is **64.6448, 0.2994, 0.3648**.

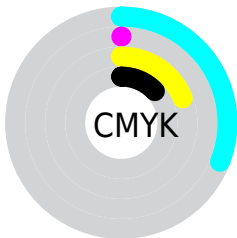
Distribution



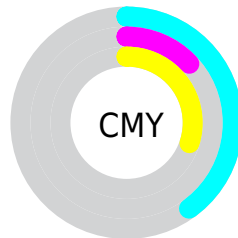
- Red (60%)
- Green (87%)
- Blue (70%)



- Red (60%)
- Yellow (80%)
- Blue (87%)



- Cyan (31%)
- Magenta (0%)
- Yellow (19%)
- Black (13%)





- Cyan (40%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6996, 0.2934, 0.3850 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 61.6996, 0.2934, 0.3850 by changing the saturation by 10% instead.


 61.6996, 0.2934,
0.3850


 61.6996, 0.2934,
0.3850


430.8345, 0.3031,
0.3573

 44.7900, 0.2910,
0.3918


 107.2913, 0.2969,
0.3750

 31.2921, 0.2878,
0.4006


 136.7421, 0.2983,
0.3712

 20.8213, 0.2837,
0.4121

171.1422, 0.2994,
0.3680

 12.9935, 0.2778,
0.4280

210.8758, 0.3003,
0.3652

 7.4241, 0.2692,
0.4512

256.3275, 0.3012,
0.3629

 3.7287, 0.2550,
0.4883

307.8816, 0.3019,

 1.5230, 0.2273,

0.3608

0.5730

365.9224, 0.3025,
0.3589

0.3048, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.6996, 0.2934,
0.3850

61.6996, 0.2934,
0.3850

59.2150, 0.2880,
0.4071

64.6448, 0.2994,
0.3648

57.1595, 0.2836,
0.4307


68.0648, 0.3057,
0.3465

55.5098, 0.2805,
0.4552


71.9827, 0.3122,
0.3302


54.2369, 0.2790,
0.4799


76.4178, 0.3186,
0.3159

 53.3081, 0.2793,
0.5038

 79.7493, 0.3190,
0.3027

 52.6844, 0.2813,
0.5259

 80.2014, 0.3143,
0.2960

 52.3197, 0.2845,
0.5440

Harmonies

Analogous

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



61.6996, 0.3356, 0.4049



61.6996, 0.2934, 0.3850



61.6996, 0.2580, 0.3467

Triad

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



61.6996, 0.2934, 0.3850



61.6996, 0.2528, 0.2610



61.6996, 0.3941, 0.3435

Complementary

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



61.6996, 0.2934, 0.3850



42.1247, 0.3390, 0.2791

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.



61.6996, 0.3689, 0.3095



61.6996, 0.2934, 0.3850



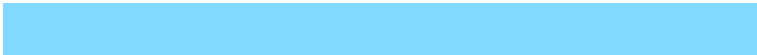
61.6996, 0.2857, 0.2637

Square

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



61.6996, 0.2934, 0.3850



61.6996, 0.2358, 0.2751



61.6996, 0.3283, 0.2812



61.6996, 0.3954, 0.3765

Rectangle

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



61.6996, 0.2934, 0.3850



61.6996, 0.2424, 0.3186



61.6996, 0.3283, 0.2812



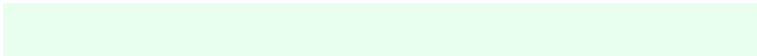
61.6996, 0.3881, 0.3319

Sweetspot

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



61.7022, 0.2934, 0.3850



95.0046, 0.3068, 0.3435



65.7631, 0.3397, 0.4108



20.1736, 0.3059, 0.3460



0.0000, 0.0000, 0.0000



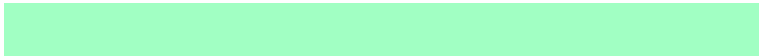
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7022, 0.2934, 0.3850



83.0167, 0.2898, 0.3992



63.2391, 0.2736, 0.3402



14.6850, 0.3066, 0.3441



30.4083, 0.2837, 0.5411



1.9863, 0.2744, 0.5078

Inverse Universe

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



42.1247, 0.3390, 0.2791



51.8109, 0.3464, 0.2683



40.7494, 0.3728, 0.3183



13.1894, 0.3194, 0.3143



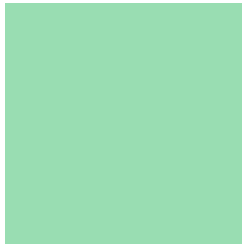
10.0477, 0.4403, 0.2199



0.6673, 0.4158, 0.2064

Previews

White Background



This preview shows how the Yxy color 61.6996, 0.2934, 0.3850 looks on a white background.

Color Contrast Check

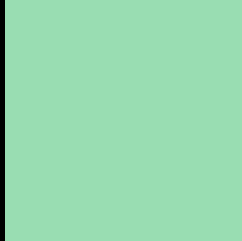
Large Text (above 18pt) WCAG AA × Fail

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 61.6996, 0.2934, 0.3850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

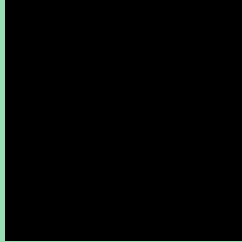
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

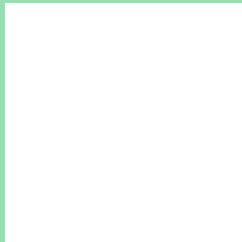
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6996, 0.2934, 0.3850

Background



This preview shows how black text looks on a background with the Yxy color 61.6996, 0.2934, 0.3850.

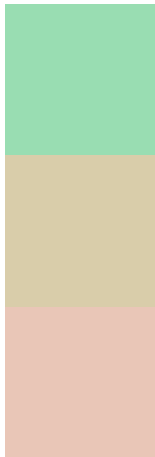


This preview shows how white text looks on a background with the Yxy color 61.6996, 0.2934, 0.3850.

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

61.6996, 0.2934, 0.3850

Protanopia

61.3166, 0.3479, 0.3697

Deuteranopia

61.1307, 0.3527, 0.3458



Tritanopia

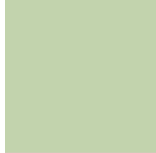
61.7552, 0.2686, 0.3084

Trichromacy



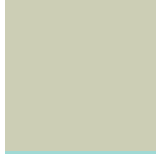
Original Color

61.6996, 0.2934, 0.3850



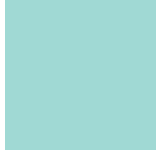
Protanomaly

61.0750, 0.3263, 0.3754



Deuteranomaly

60.3162, 0.3291, 0.3589



Tritanomaly

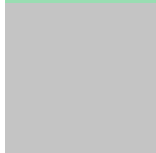
61.8528, 0.2774, 0.3351

Monochromacy



Original Color

61.6996, 0.2934, 0.3850



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

57.0401, 0.3050, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6996, 0.2934, 0.3850 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(153, 221, 178)` looks like.

```
.text, #text, p{  
    color:rgb(153, 221, 178)  
}
```

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(153, 221, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 221, 178) }
```

Border

The CSS property to change the border of an element to Yxy 61.6996, 0.2934, 0.3850 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(153, 221, 178) }
```

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

```
.border{ border-color:rgb(153, 221, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 221, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 221, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 221, 178);  
box-shadow:4px 4px 4px 4px rgb(153, 221,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6996, 0.2934, 0.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 221, 178) }
```

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

```
.background{ background-color: rgb(153,  
221, 178) }
```

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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