

Converting Colors

$Yxy(61.4208, 0.2813, 0.3555)$

Have a look what the booklet for
Yxy(61.4208, 0.2813, 0.3555)
contains.

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Color

Yxy(61.5126, 0.2814, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	99DBC6
RGB	153, 219, 198
RGB Percent	60%, 86%, 78%
CMY	0.4003, 0.1411, 0.2236
CMYK	0.30, 0.00, 0.10, 0.14
HSL	161°, 48%, 73%
HSV	161°, 30%, 86%
XYZ	48.6499, 61.5126, 62.7228
YIQ	196.8720, -32.5950, -20.5230

Conversions

Conversions Part 2

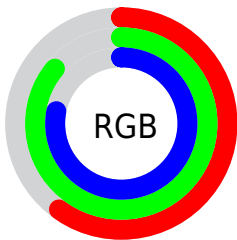
Format	Color
RYB	153, 192, 219
Decimal	10083270
CIELab	82.65, -25.27, 3.68
CIElCh	83, 25.536, 171.714
Yxy	61.5126, 0.2814, 0.3558
Android (android.graphics.Color)	4288273350 (0xFF99DBC6)
YUV	196.8720, 0.5561, -38.4757
Hunter-Lab	78.4300, -26.5293, 7.4850

Details

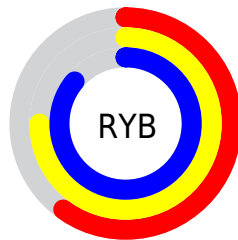
The Yxy color **61.5126, 0.2814, 0.3558** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8786, 0.3587, 0.3039**, and the grayscale version is **55.7573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **31.2739, 0.2740, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **59.2627, 0.2726, 0.3663**, and if you desaturate by 10%, it is **64.1734, 0.2912, 0.3461**.

Distribution



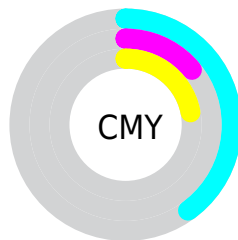
- Red (60%)
- Green (86%)
- Blue (78%)



- Red (60%)
- Yellow (75%)
- Blue (86%)



- Cyan (30%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)




- Cyan (40%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5126, 0.2814, 0.3558 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 61.5126, 0.2814, 0.3558 by changing the saturation by 10% instead.


 61.5126, 0.2814,
0.3558


 61.5126, 0.2814,
0.3558

430.1510, 0.2964,
0.3428

 44.6390, 0.2778,
0.3589


 107.0208, 0.2867,
0.3512

 31.1732, 0.2734,
0.3629


 136.4242, 0.2887,
0.3494

 20.7307, 0.2676,
0.3680


170.7729, 0.2905,
0.3479

 12.9273, 0.2598,
0.3749

210.4514, 0.2920,
0.3466

 7.3785, 0.2489,
0.3849

255.8441, 0.2933,
0.3455

 3.6999, 0.2322,
0.4002


307.3353, 0.2945,

 1.5072, 0.2028,


0.3445


0.4278

365.3095, 0.2955,
0.3436


 0.2938, 0.0000,
0.8244


 0.0000, 0.0000,
0.0000


 61.5126, 0.2814,
0.3558

 61.5126, 0.2814,
0.3558

 59.2627, 0.2726,
0.3663


 64.1734, 0.2912,
0.3461

 57.3946, 0.2652,
0.3775


 67.2575, 0.3016,
0.3372

 55.8871, 0.2593,
0.3893


 70.7862, 0.3125,
0.3291


 54.7137, 0.2553,
0.4014


 74.7769, 0.3236,
0.3219

 53.8444, 0.2533,
0.4136

 77.8071, 0.3293,
0.3153


 53.2434, 0.2533,
0.4258

 78.2132, 0.3245,
0.3085

 52.8523, 0.2549,
0.4376

 78.6352, 0.3198,
0.3018

 79.0733, 0.3152,
0.2952

 79.1529, 0.3144,
0.2940

Harmonies

Analogous

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



61.5126, 0.3121, 0.3796



61.5126, 0.2814, 0.3558



61.5126, 0.2597, 0.3246

Triad

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



61.5126, 0.2814, 0.3558



61.5126, 0.2800, 0.2758



61.5126, 0.3777, 0.3561

Complementary

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



61.5126, 0.2814, 0.3558



40.8786, 0.3587, 0.3039

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.



61.5126, 0.3685, 0.3294



61.5126, 0.2814, 0.3558



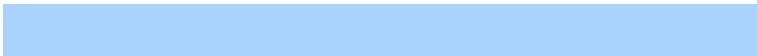
61.5126, 0.3106, 0.2846

Square

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



61.5126, 0.2814, 0.3558



61.5126, 0.2590, 0.2797



61.5126, 0.3434, 0.3038



61.5126, 0.3684, 0.3777

Rectangle

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



61.5126, 0.2814, 0.3558



61.5126, 0.2527, 0.3051



61.5126, 0.3434, 0.3038



61.5126, 0.3767, 0.3474

Sweetspot

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



61.5151, 0.2814, 0.3558



95.4425, 0.3028, 0.3363



62.0802, 0.3242, 0.4129



20.2815, 0.3012, 0.3375



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.



61.5151, 0.2814, 0.3558



84.8064, 0.2759, 0.3622



56.9953, 0.2679, 0.3150



14.7553, 0.3024, 0.3365



31.3535, 0.2544, 0.4358



2.0466, 0.2489, 0.4162

Inverse Universe

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



40.8786, 0.3587, 0.3039



51.3500, 0.3718, 0.2986



43.8929, 0.3763, 0.3425



13.1195, 0.3242, 0.3216



9.2077, 0.5685, 0.2905



0.6119, 0.5220, 0.2649

Previews

White Background



This preview shows how the Yxy color 61.5126, 0.2814, 0.3558 looks on a white background.

Color Contrast Check

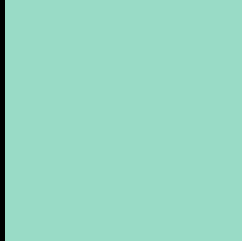
Large Text (above 18pt) WCAG AA × Fail

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 61.5126, 0.2814, 0.3558 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

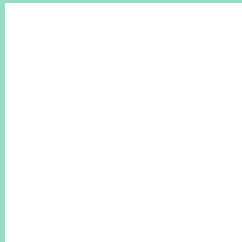
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5126, 0.2814, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 61.5126, 0.2814, 0.3558.

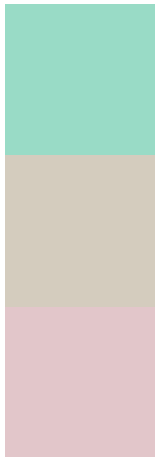


This preview shows how white text looks on a background with the Yxy color 61.5126, 0.2814, 0.3558.

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

61.5126, 0.2814, 0.3558

Protanopia

60.9005, 0.3291, 0.3453

Deuteranopia

60.8212, 0.3321, 0.3246



Tritanopia

61.3362, 0.2662, 0.3083

Trichromacy



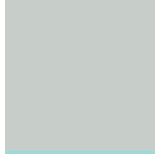
Original Color

61.5126, 0.2814, 0.3558



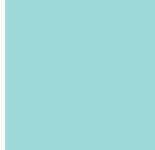
Protanomaly

60.5275, 0.3103, 0.3484



Deuteranomaly

60.5018, 0.3109, 0.3349



Tritanomaly

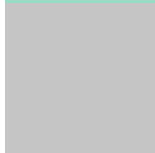
61.3943, 0.2714, 0.3252

Monochromacy



Original Color

61.5126, 0.2814, 0.3558



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.5176, 0.3003, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5126, 0.2814, 0.3558 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, 219, 198)` looks like.

```
.text, #text, p{  
    color:rgb(153, 219, 198)  
}
```

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, 219, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 219, 198) }
```

Border

The CSS property to change the border of an element to Yxy 61.5126, 0.2814, 0.3558 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, 219, 198) }
```

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

```
.border{ border-color:rgb(153, 219, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 219, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 219, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 219, 198);  
box-shadow:4px 4px 4px 4px rgb(153, 219,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5126, 0.2814, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 219, 198) }
```

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

```
.background{ background-color: rgb(153,  
219, 198) }
```

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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