

Converting Colors

$Yxy(61.8004, 0.2808, 0.3541)$

Have a look what the booklet for
Yxy(61.8004, 0.2808, 0.3541)
contains.

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Color

Yxy(61.6055, 0.2803, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	99DBC8
RGB	153, 219, 200
RGB Percent	60%, 86%, 78%
CMY	0.3997, 0.1412, 0.2157
CMYK	0.30, 0.00, 0.09, 0.14
HSL	163°, 48%, 73%
HSV	163°, 30%, 86%
XYZ	48.9041, 61.6055, 63.9609
YIQ	197.1000, -33.2370, -19.9010

Conversions

Conversions Part 2

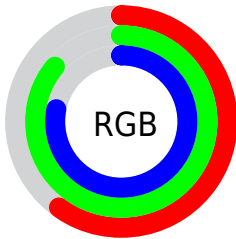
Format	Color
RYB	153, 192, 219
Decimal	10083272
CIELab	82.70, -24.79, 2.68
CIElCh	83, 24.933, 173.834
Yxy	61.6055, 0.2803, 0.3531
Android (android.graphics.Color)	4288273352 (0xFF99DBC8)
YUV	197.1000, 1.4297, -38.6757
Hunter-Lab	78.4892, -26.1385, 6.6270

Details

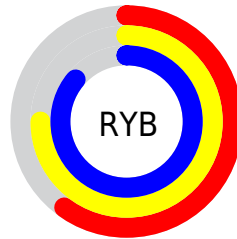
The Yxy color **61.6055, 0.2803, 0.3531** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8453, 0.3605, 0.3064**, and the grayscale version is **55.9147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **31.3356, 0.2725, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **59.3790, 0.2712, 0.3625**, and if you desaturate by 10%, it is **64.2403, 0.2904, 0.3443**.

Distribution



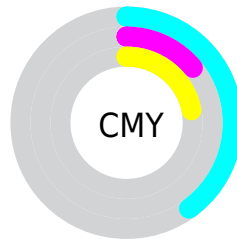
- Red (60%)
- Green (86%)
- Blue (78%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6055, 0.2803, 0.3531 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 61.6055, 0.2803, 0.3531 by changing the saturation by 10% instead.


 61.6055, 0.2803,
0.3531


 61.6055, 0.2803,
0.3531

430.4906, 0.2958,
0.3415

 44.7140, 0.2766,
0.3559


 107.1552, 0.2858,
0.3490

 31.2322, 0.2720,
0.3594


 136.5821, 0.2879,
0.3474

 20.7757, 0.2661,
0.3639


170.9564, 0.2897,
0.3461

 12.9602, 0.2582,
0.3701

210.6623, 0.2912,
0.3449

 7.4011, 0.2470,
0.3788

256.0843, 0.2926,
0.3439

 3.7142, 0.2301,
0.3922

307.6067, 0.2938,

 1.5150, 0.2008,

0.3430

365.6141, 0.2948,
0.3422

0.4159

0.2993, 0.0000,
0.6834

0.0000, 0.0000,
0.0000

61.6055, 0.2803,
0.3531

61.6055, 0.2803,
0.3531

59.3790, 0.2712,
0.3625

64.2403, 0.2904,
0.3443

57.5316, 0.2635,
0.3726


67.2958, 0.3013,
0.3363


56.0424, 0.2573,
0.3831


70.7931, 0.3126,
0.3291


54.8849, 0.2531,
0.3939


74.7496, 0.3241,
0.3226


 54.0293, 0.2508,
0.4049

 77.7183, 0.3302,
0.3165

 53.4398, 0.2505,
0.4158

 78.0822, 0.3259,
0.3104

 53.0560, 0.2518,
0.4265

 78.4591, 0.3216,
0.3043

 78.8492, 0.3174,
0.2983

 79.1382, 0.3144,
0.2940

Harmonies

Analogous

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



61.6055, 0.3099, 0.3771



61.6055, 0.2803, 0.3531



61.6055, 0.2599, 0.3226

Triad

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



61.6055, 0.2803, 0.3531



61.6055, 0.2826, 0.2772



61.6055, 0.3761, 0.3573

Complementary

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



61.6055, 0.2803, 0.3531



40.8453, 0.3605, 0.3064

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.



61.6055, 0.3683, 0.3313



61.6055, 0.2803, 0.3531



61.6055, 0.3130, 0.2867

Square

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



61.6055, 0.2803, 0.3531



61.6055, 0.2612, 0.2801



61.6055, 0.3447, 0.3060



61.6055, 0.3658, 0.3777

Rectangle

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



61.6055, 0.2803, 0.3531



61.6055, 0.2538, 0.3040



61.6055, 0.3447, 0.3060



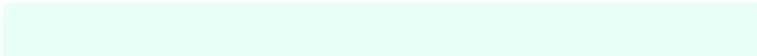
61.6055, 0.3755, 0.3489

Sweetspot

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



61.6080, 0.2803, 0.3531



95.4858, 0.3024, 0.3356



61.8274, 0.3226, 0.4131



20.2922, 0.3008, 0.3367



0.0000, 0.0000, 0.0000



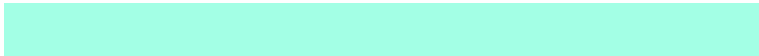
21.4041, 0.3127, 0.3290

Same Dimension

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



61.6080, 0.2803, 0.3531



84.9605, 0.2745, 0.3589



55.9430, 0.2677, 0.3122



14.7623, 0.3020, 0.3358



31.4825, 0.2514, 0.4249



2.0542, 0.2465, 0.4073

Inverse Universe

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



40.8453, 0.3605, 0.3064



51.2273, 0.3745, 0.3015



44.7264, 0.3753, 0.3451



13.1129, 0.3247, 0.3223



9.1596, 0.5793, 0.2965



0.6081, 0.5324, 0.2707

Previews

White Background



This preview shows how the Yxy color 61.6055, 0.2803, 0.3531 looks on a white background.

Color Contrast Check

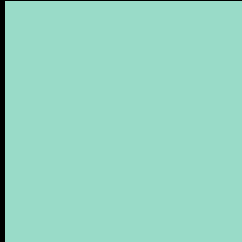
Large Text (above 18pt) WCAG AA × Fail

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 61.6055, 0.2803, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

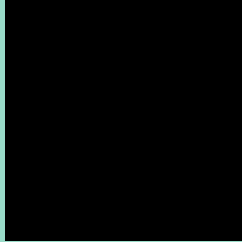
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

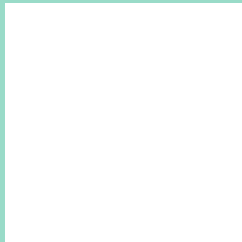
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6055, 0.2803, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 61.6055, 0.2803, 0.3531.

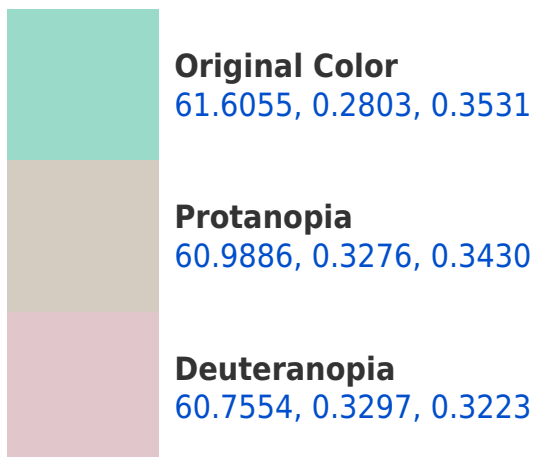


This preview shows how white text looks on a background with the Yxy color 61.6055, 0.2803, 0.3531.

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

61.3929, 0.2657, 0.3071

Trichromacy



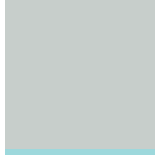
Original Color

61.6055, 0.2803, 0.3531



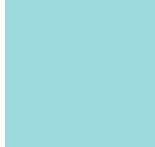
Protanomaly

60.6174, 0.3089, 0.3459



Deuteranomaly

60.5965, 0.3095, 0.3325



Tritanomaly

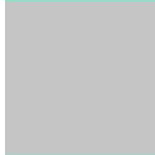
61.4471, 0.2709, 0.3239

Monochromacy



Original Color

61.6055, 0.2803, 0.3531



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.5636, 0.2996, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6055, 0.2803, 0.3531 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(153, 219, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 219, 200) }
```

Border

The CSS property to change the border of an element to Yxy 61.6055, 0.2803, 0.3531 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, 200) }
```

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

```
.border{ border-color:rgb(153, 219, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 219, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 219, 200);  
box-shadow:4px 4px 4px 4px rgb(153, 219,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6055, 0.2803, 0.3531 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, 200) }
```

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

```
.background{ background-color: rgb(153,  
219, 200) }
```

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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