

Converting Colors

$Yxy(61.8388, 0.2968, 0.3805)$

Have a look what the booklet for
Yxy(61.8388, 0.2968, 0.3805)
contains.

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Color

Yxy(61.9553, 0.2967, 0.3804)

Conversions

Conversions Part 1

Format	Color
Hex	A0DCB4
RGB	160, 220, 180
RGB Percent	63%, 86%, 71%
CMY	0.3727, 0.1372, 0.2941
CMYK	0.27, 0.00, 0.18, 0.14
HSL	140°, 46%, 75%
HSV	140°, 27%, 86%
XYZ	48.3232, 61.9553, 52.5903
YIQ	197.5000, -22.9200, -25.1600

Conversions

Conversions Part 2

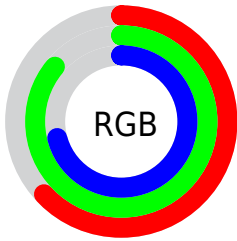
Format	Color
RYB	160, 205, 220
Decimal	10542260
CIELab	82.89, -27.18, 13.58
CIElCh	83, 30.388, 153.457
Yxy	61.9553, 0.2967, 0.3804
Android (android.graphics.Color)	4288732340 (0xFFA0DCB4)
YUV	197.5000, -8.6275, -32.8875
Hunter-Lab	78.7117, -28.1596, 15.4842

Details

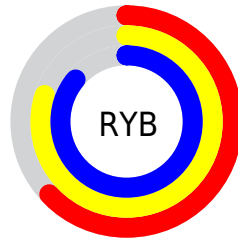
The Yxy color **61.9553, 0.2967, 0.3804** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.5165, 0.3334, 0.2827**, and the grayscale version is **56.2137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1751, 0.2997, 0.3487**, and **31.5684, 0.2924, 0.3953** is the 20% darker color. If you saturate the color by 10%, you get **59.3218, 0.2915, 0.4031**, and if you desaturate by 10%, it is **65.0584, 0.3024, 0.3597**.

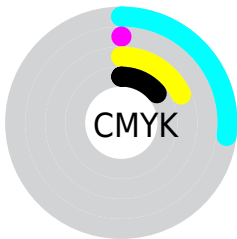
Distribution



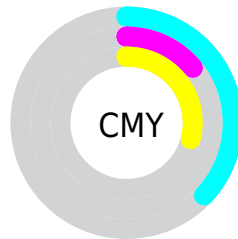
- Red (63%)
- Green (86%)
- Blue (71%)



- Red (63%)
- Yellow (80%)
- Blue (86%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)
- Black (14%)





- Cyan (37%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9553, 0.2967, 0.3804 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 61.9553, 0.2967, 0.3804 by changing the saturation by 10% instead.


 61.9553, 0.2967,
0.3804


 61.9553, 0.2967,
0.3804

431.7680, 0.3048,
0.3550

 44.9966, 0.2947,
0.3866


 107.6609, 0.2996,
0.3713

 31.4547, 0.2921,
0.3946


 137.1766, 0.3007,
0.3678

 20.9454, 0.2886,
0.4050


171.6468, 0.3017,
0.3649

 13.0841, 0.2838,
0.4194

211.4558, 0.3025,
0.3624

 7.4865, 0.2766,
0.4404

256.9880, 0.3032,
0.3602

 3.7681, 0.2648,
0.4737

308.6278, 0.3038,

 1.5447, 0.2437,

0.3582

0.5436

366.7597, 0.3043,
0.3565

■ 0.3199, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9553, 0.2967,
0.3804

■ 61.9553, 0.2967,
0.3804

■ 59.3218, 0.2915,
0.4031

■ 65.0584, 0.3024,
0.3597

■ 57.1270, 0.2870,
0.4275


■ 68.6448, 0.3084,
0.3412

■ 55.3483, 0.2837,
0.4531


■ 72.7372, 0.3143,
0.3248

■ 53.9580, 0.2818,
0.4790

■ 77.3546, 0.3202,
0.3103


 52.9248, 0.2815,
0.5043

 79.5637, 0.3154,
0.2966

 52.2121, 0.2830,
0.5276

 79.6725, 0.3143,
0.2950

 51.7721, 0.2861,
0.5481

 51.6789, 0.2870,
0.5531

Harmonies

Analogous

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



61.9553, 0.3352, 0.3977



61.9553, 0.2967, 0.3804



61.9553, 0.2639, 0.3465

Triad

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



61.9553, 0.2967, 0.3804



61.9553, 0.2573, 0.2672



61.9553, 0.3860, 0.3414

Complementary

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



61.9553, 0.2967, 0.3804



44.5165, 0.3334, 0.2827

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.



61.9553, 0.3625, 0.3103



61.9553, 0.2967, 0.3804



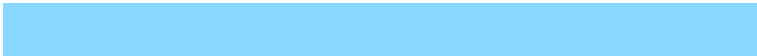
61.9553, 0.2870, 0.2690

Square

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



61.9553, 0.2967, 0.3804



61.9553, 0.2423, 0.2809



61.9553, 0.3256, 0.2845



61.9553, 0.3881, 0.3716

Rectangle

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



61.9553, 0.2967, 0.3804



61.9553, 0.2492, 0.3212



61.9553, 0.3256, 0.2845



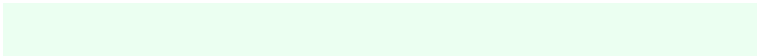
61.9553, 0.3803, 0.3308

Sweetspot

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



61.9579, 0.2967, 0.3804



95.4893, 0.3079, 0.3425



66.0083, 0.3383, 0.4005



20.2681, 0.3070, 0.3452



0.0000, 0.0000, 0.0000



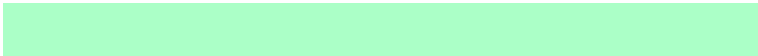
21.4041, 0.3127, 0.3290

Same Dimension

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



61.9579, 0.2967, 0.3804



84.2811, 0.2935, 0.3938



63.3160, 0.2788, 0.3413



14.6776, 0.3071, 0.3450



30.3448, 0.2862, 0.5504



1.9816, 0.2769, 0.5169

Inverse Universe

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



44.5165, 0.3334, 0.2827



55.8711, 0.3393, 0.2722



43.2486, 0.3618, 0.3172



13.1971, 0.3188, 0.3135



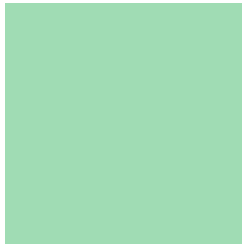
10.1804, 0.4269, 0.2125



0.6753, 0.4053, 0.2006

Previews

White Background



This preview shows how the Yxy color 61.9553, 0.2967, 0.3804 looks on a white background.

Color Contrast Check

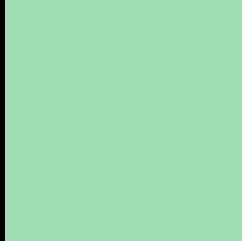
Large Text (above 18pt) WCAG AA × Fail

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 61.9553, 0.2967, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

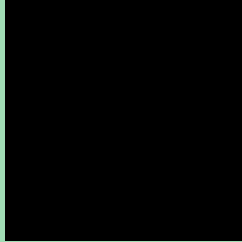
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9553, 0.2967, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 61.9553, 0.2967, 0.3804.

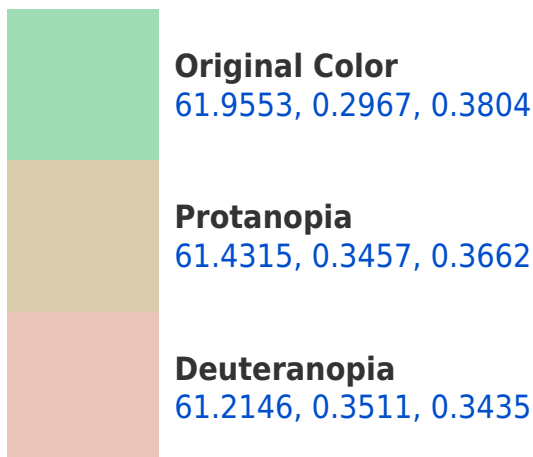


This preview shows how white text looks on a background with the Yxy color 61.9553, 0.2967, 0.3804.

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

61.8477, 0.2727, 0.3086

Trichromacy



Original Color

61.9553, 0.2967, 0.3804

Protanomaly

60.9635, 0.3259, 0.3703

Deuteranomaly

60.6833, 0.3292, 0.3563

Tritanomaly

61.9722, 0.2810, 0.3338

Monochromacy



Original Color

61.9553, 0.2967, 0.3804

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.6146, 0.3066, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9553, 0.2967, 0.3804 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(160, 220, 180)` looks like.

```
.text, #text, p{  
    color:rgb(160, 220, 180)  
}
```

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(160, 220, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 220, 180) }
```

Border

The CSS property to change the border of an element to Yxy 61.9553, 0.2967, 0.3804 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(160, 220, 180) }
```

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

```
.border{ border-color:rgb(160, 220, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 220, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 220, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 220, 180);  
box-shadow:4px 4px 4px 4px rgb(160, 220,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9553, 0.2967, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 220, 180) }
```

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

```
.background{ background-color: rgb(160,  
220, 180) }
```

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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