

Converting Colors

$Yxy(63.0892, 0.2969, 0.3796)$

Have a look what the booklet for
Yxy(63.0892, 0.2969, 0.3796)
contains.

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Color

Yxy(63.3013, 0.2968, 0.3799)

Conversions

Conversions Part 1

Format	Color
Hex	A2DEB6
RGB	162, 222, 182
RGB Percent	64%, 87%, 71%
CMY	0.3650, 0.1293, 0.2862
CMYK	0.27, 0.00, 0.18, 0.13
HSL	140°, 48%, 75%
HSV	140°, 27%, 87%
XYZ	49.4547, 63.3013, 53.8703
YIQ	199.5000, -22.9200, -25.1600

Conversions

Conversions Part 2

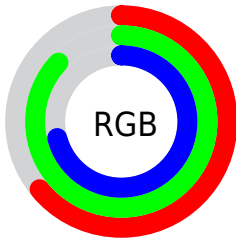
Format	Color
RYB	162, 207, 222
Decimal	10673846
CIELab	83.60, -27.16, 13.54
CIElCh	84, 30.348, 153.497
Yxy	63.3013, 0.2968, 0.3799
Android (android.graphics.Color)	4288863926 (0xFFA2DEB6)
YUV	199.5000, -8.6275, -32.8875
Hunter-Lab	79.5621, -28.2807, 15.5492

Details

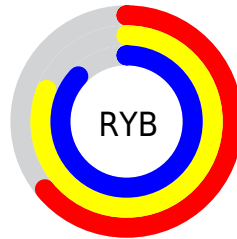
The Yxy color **63.3013, 0.2968, 0.3799** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.6101, 0.3332, 0.2831**, and the grayscale version is **57.4932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5985, 0.2997, 0.3465**, and **32.4736, 0.2926, 0.3944** is the 20% darker color. If you saturate the color by 10%, you get **60.6023, 0.2915, 0.4026**, and if you desaturate by 10%, it is **66.4805, 0.3025, 0.3593**.

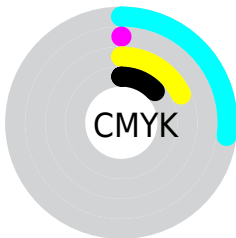
Distribution



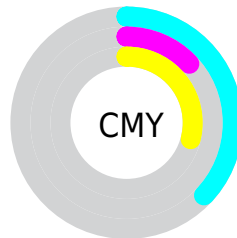
- Red (64%)
- Green (87%)
- Blue (71%)



- Red (64%)
- Yellow (81%)
- Blue (87%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)





- Cyan (37%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3013, 0.2968, 0.3799 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 63.3013, 0.2968, 0.3799 by changing the saturation by 10% instead.


 63.3013, 0.2968,
0.3799

 63.3013, 0.2968,
0.3799

436.6621, 0.3048,
0.3549

 46.0850, 0.2948,
0.3860


 109.6041, 0.2997,
0.3709

 32.3129, 0.2923,
0.3938


 139.4593, 0.3008,
0.3675

 21.6006, 0.2889,
0.4040


174.2964, 0.3017,
0.3646

 13.5637, 0.2841,
0.4180

214.4996, 0.3025,
0.3621

 7.8179, 0.2772,
0.4383

260.4534, 0.3032,
0.3600

 3.9786, 0.2658,
0.4703

312.5422, 0.3038,

 1.6616, 0.2460,

0.3581

371.1503, 0.3043,
0.3564

0.5322

0.3986, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

63.3013, 0.2968,
0.3799

63.3013, 0.2968,
0.3799

60.6023, 0.2915,
0.4026

66.4805, 0.3025,
0.3593

58.3521, 0.2871,
0.4269

70.1539, 0.3085,
0.3408

56.5275, 0.2837,
0.4525

74.3446, 0.3145,
0.3244

55.1003, 0.2818,
0.4784

79.0721, 0.3204,
0.3100

■ 54.0385, 0.2815,
0.5037

■ 80.7322, 0.3142,
0.2970

■ 53.3050, 0.2830,
0.5271

■ 52.8518, 0.2860,
0.5477

■ 52.7490, 0.2870,
0.5531

Harmonies

Analogous

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



63.3013, 0.3349, 0.3971



63.3013, 0.2968, 0.3799



63.3013, 0.2643, 0.3463

Triad

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



63.3013, 0.2968, 0.3799



63.3013, 0.2578, 0.2677



63.3013, 0.3853, 0.3414

Complementary

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



63.3013, 0.2968, 0.3799



45.6101, 0.3332, 0.2831

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.



63.3013, 0.3621, 0.3105



63.3013, 0.2968, 0.3799



63.3013, 0.2873, 0.2695

Square

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



63.3013, 0.2968, 0.3799



63.3013, 0.2429, 0.2813



63.3013, 0.3255, 0.2849



63.3013, 0.3874, 0.3713

Rectangle

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



63.3013, 0.2968, 0.3799



63.3013, 0.2497, 0.3212



63.3013, 0.3255, 0.2849



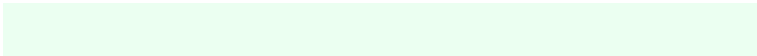
63.3013, 0.3797, 0.3309

Sweetspot

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



63.3039, 0.2968, 0.3799



95.4899, 0.3079, 0.3425



67.4134, 0.3381, 0.3999



20.2683, 0.3070, 0.3452



0.0000, 0.0000, 0.0000



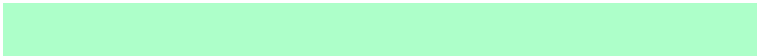
21.4041, 0.3127, 0.3290

Same Dimension

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



63.3039, 0.2968, 0.3799



84.6511, 0.2940, 0.3914



64.6799, 0.2790, 0.3412



15.4124, 0.3070, 0.3450



31.3446, 0.2862, 0.5504



2.1889, 0.2775, 0.5190

Inverse Universe

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



45.6101, 0.3332, 0.2831



56.8876, 0.3383, 0.2740



44.3250, 0.3613, 0.3173



13.8537, 0.3189, 0.3135



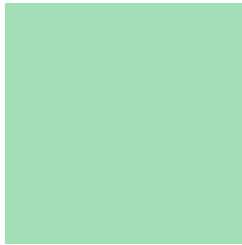
10.5125, 0.4272, 0.2127



0.7451, 0.4067, 0.2014

Previews

White Background



This preview shows how the Yxy color 63.3013, 0.2968, 0.3799 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 63.3013, 0.2968, 0.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

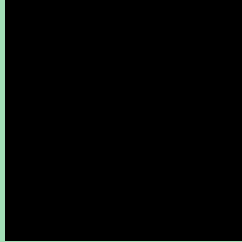
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

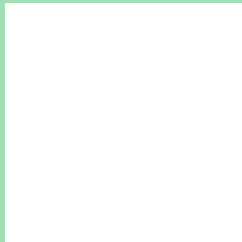
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.3013, 0.2968, 0.3799

Background



This preview shows how black text looks on a background with the Yxy color 63.3013, 0.2968, 0.3799.

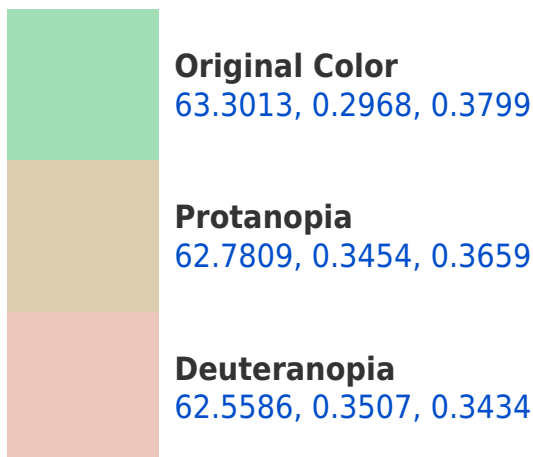


This preview shows how white text looks on a background with the Yxy color 63.3013, 0.2968, 0.3799.

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

63.1977, 0.2730, 0.3088

Trichromacy



Original Color

63.3013, 0.2968, 0.3799



Protanomaly

62.3071, 0.3258, 0.3699



Deuteranomaly

62.0244, 0.3291, 0.3561



Tritanomaly

63.3227, 0.2813, 0.3338

Monochromacy



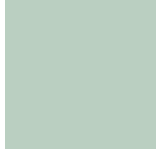
Original Color

63.3013, 0.2968, 0.3799



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

58.9150, 0.3067, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3013, 0.2968, 0.3799 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(162, 222, 182)` looks like.

```
.text, #text, p{  
    color:rgb(162, 222, 182)  
}
```

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(162, 222, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 222, 182) }
```

Border

The CSS property to change the border of an element to Yxy 63.3013, 0.2968, 0.3799 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(162, 222, 182) }
```

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

```
.border{ border-color:rgb(162, 222, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 222, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 222, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 222, 182);  
box-shadow:4px 4px 4px 4px rgb(162, 222,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3013, 0.2968, 0.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 222, 182) }
```

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

```
.background{ background-color: rgb(162,  
222, 182) }
```

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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