

Converting Colors

$Yxy(58.8433, 0.2966, 0.3733)$

Have a look what the booklet for
Yxy(58.8433, 0.2966, 0.3733)
contains.

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Color

Yxy(58.8620, 0.2966, 0.3732)

Conversions

Conversions Part 1

Format	Color
Hex	A0D6B4
RGB	160, 214, 180
RGB Percent	63%, 84%, 71%
CMY	0.3726, 0.1608, 0.2941
CMYK	0.25, 0.00, 0.16, 0.16
HSL	142°, 40%, 73%
HSV	142°, 25%, 84%
XYZ	46.7805, 58.8620, 52.0799
YIQ	193.9780, -21.2700, -22.0220

Conversions

Conversions Part 2

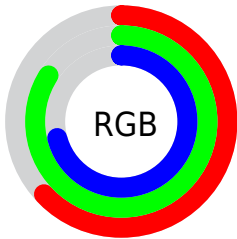
Format	Color
RYB	160, 199, 214
Decimal	10540724
CIELab	81.22, -24.26, 11.20
CIELCh	81, 26.723, 155.216
Yxy	58.8620, 0.2966, 0.3732
Android (android.graphics.Color)	4288730804 (0xFFA0D6B4)
YUV	193.9780, -6.8912, -29.7987
Hunter-Lab	76.7216, -25.4236, 13.4580

Details

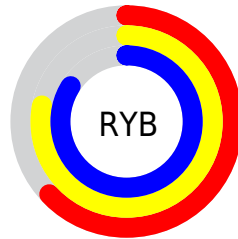
The Yxy color **58.8620, 0.2966, 0.3732** is a light color, and the websafe version is hex **99CC99**, and the color name is **turquoise green**. A complement of this color would be **43.3287, 0.3333, 0.2886**, and the grayscale version is **53.9860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1751, 0.2997, 0.3487**, and **29.4544, 0.2920, 0.3859** is the 20% darker color. If you saturate the color by 10%, you get **56.3230, 0.2908, 0.3941**, and if you desaturate by 10%, it is **61.8389, 0.3028, 0.3542**.

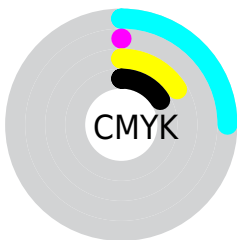
Distribution



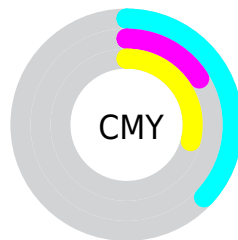
- Red (63%)
- Green (84%)
- Blue (71%)



- Red (63%)
- Yellow (78%)
- Blue (84%)



- Cyan (25%)
- Magenta (0%)
- Yellow (16%)
- Black (16%)





- Cyan (37%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8620, 0.2966, 0.3732 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 58.8620, 0.2966, 0.3732 by changing the saturation by 10% instead.


 58.8620, 0.2966,
0.3732


 58.8620, 0.2966,
0.3732

420.3903, 0.3047,
0.3513

 42.5020, 0.2946,
0.3786

 103.1771, 0.2995,
0.3653

 29.4946, 0.2920,
0.3855


 131.9010, 0.3006,
0.3623

 19.4553, 0.2886,
0.3947


165.5150, 0.3016,
0.3598

 11.9997, 0.2838,
0.4073

204.4035, 0.3024,
0.3576

 6.7435, 0.2766,
0.4259

248.9509, 0.3031,
0.3557

 3.3022, 0.2649,
0.4559

299.5415, 0.3037,

 1.2915, 0.2401,

0.3541

0.5275

356.5599, 0.3042,
0.3526

■ 0.1346, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8620, 0.2966,
0.3732

■ 58.8620, 0.2966,
0.3732

■ 56.3230, 0.2908,
0.3941

■ 61.8389, 0.3028,
0.3542

■ 54.1936, 0.2858,
0.4168

■ 65.2657, 0.3093,
0.3372

■ 52.4535, 0.2819,
0.4407

■ 69.1634, 0.3158,
0.3221

■ 51.0775, 0.2794,
0.4653

■ 73.5491, 0.3222,
0.3088

■ 50.0377, 0.2787,
0.4896

■ 76.0937, 0.3197,
0.2962

■ 49.3016, 0.2797,
0.5128

■ 76.5765, 0.3146,
0.2891

■ 48.8298, 0.2825,
0.5338

■ 48.6657, 0.2841,
0.5429

Harmonies

Analogous

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



58.8620, 0.3311, 0.3897



58.8620, 0.2966, 0.3732



58.8620, 0.2676, 0.3428

Triad

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



58.8620, 0.2966, 0.3732



58.8620, 0.2641, 0.2731



58.8620, 0.3788, 0.3422

Complementary

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



58.8620, 0.2966, 0.3732



43.3287, 0.3333, 0.2886

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.



58.8620, 0.3589, 0.3139



58.8620, 0.2966, 0.3732



58.8620, 0.2917, 0.2754

Square

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



58.8620, 0.2966, 0.3732



58.8620, 0.2497, 0.2849



58.8620, 0.3264, 0.2901



58.8620, 0.3796, 0.3690

Rectangle

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



58.8620, 0.2966, 0.3732



58.8620, 0.2548, 0.3204



58.8620, 0.3264, 0.2901



58.8620, 0.3741, 0.3326

Sweetspot

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



58.8645, 0.2966, 0.3732



95.5346, 0.3075, 0.3418



62.1299, 0.3350, 0.3950



20.2795, 0.3065, 0.3443



0.0000, 0.0000, 0.0000



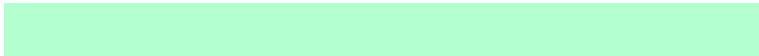
21.4041, 0.3127, 0.3290

Same Dimension

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



58.8645, 0.2966, 0.3732



85.5421, 0.2936, 0.3836



60.0642, 0.2801, 0.3380



13.9713, 0.3066, 0.3440



29.4317, 0.2834, 0.5401



1.7909, 0.2735, 0.5046

Inverse Universe

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



43.3287, 0.3333, 0.2886



58.8266, 0.3386, 0.2802



42.2314, 0.3587, 0.3203



12.5510, 0.3194, 0.3144



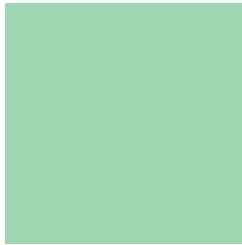
9.7137, 0.4413, 0.2205



0.6016, 0.4151, 0.2060

Previews

White Background



This preview shows how the Yxy color 58.8620, 0.2966, 0.3732 looks on a white background.

Color Contrast Check

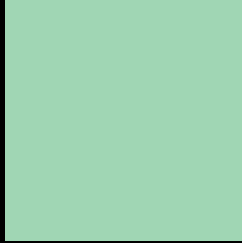
Large Text (above 18pt) WCAG AA × Fail

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 58.8620, 0.2966, 0.3732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

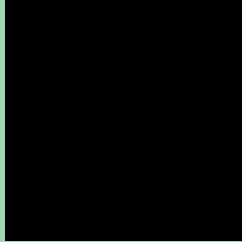
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

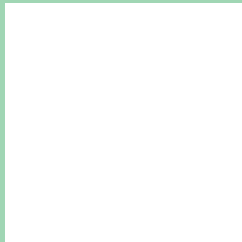
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8620, 0.2966, 0.3732

Background



This preview shows how black text looks on a background with the Yxy color 58.8620, 0.2966, 0.3732.

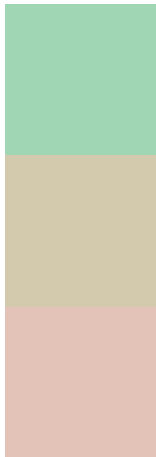


This preview shows how white text looks on a background with the Yxy color 58.8620, 0.2966, 0.3732.

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

58.8620, 0.2966, 0.3732

Protanopia

58.6393, 0.3416, 0.3623

Deuteranopia

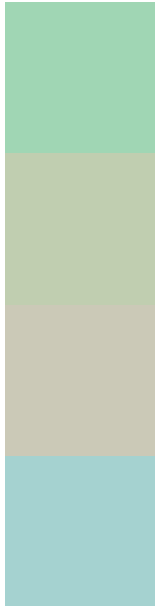
58.3752, 0.3477, 0.3404



Tritanopia

58.8184, 0.2744, 0.3094

Trichromacy



Original Color

58.8620, 0.2966, 0.3732

Protanomaly

58.4837, 0.3233, 0.3660

Deuteranomaly

57.8887, 0.3275, 0.3507

Tritanomaly

58.6466, 0.2823, 0.3314

Monochromacy



Original Color

58.8620, 0.2966, 0.3732

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.3925, 0.3066, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8620, 0.2966, 0.3732 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, 214, 180)` looks like.

```
.text, #text, p{  
    color:rgb(160, 214, 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, 214, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 214, 180) }
```

Border

The CSS property to change the border of an element to Yxy 58.8620, 0.2966, 0.3732 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, 214, 180) }
```

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

```
.border{ border-color:rgb(160, 214, 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, 214, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 214, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 214, 180); box-shadow:4px 4px 4px 4px rgb(160, 214, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8620, 0.2966, 0.3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 214, 180) }
```

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

```
.background{ background-color: rgb(160,  
214, 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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