

Converting Colors

$Yxy(58.2778, 0.3018, 0.3739)$

Have a look what the booklet for
Yxy(58.2778, 0.3018, 0.3739)
contains.

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Color

Yxy(58.2606, 0.3020, 0.3744)

Conversions

Conversions Part 1

Format	Color
Hex	A5D4B1
RGB	165, 212, 177
RGB Percent	65%, 83%, 69%
CMY	0.3530, 0.1686, 0.3059
CMYK	0.22, 0.00, 0.17, 0.17
HSL	135°, 35%, 74%
HSV	135°, 22%, 83%
XYZ	46.9944, 58.2606, 50.3556
YIQ	193.9570, -16.7770, -20.8490

Conversions

Conversions Part 2

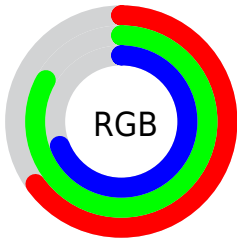
Format	Color
RYB	165, 202, 212
Decimal	10867889
CIELab	80.88, -22.23, 12.38
CIElCh	81, 25.442, 150.895
Yxy	58.2606, 0.3020, 0.3744
Android (android.graphics.Color)	4289057969 (0xFFA5D4B1)
YUV	193.9570, -8.3598, -25.3953
Hunter-Lab	76.3286, -23.6753, 14.3152

Details

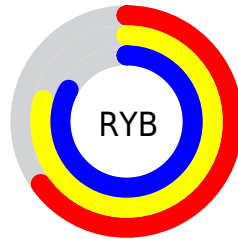
The Yxy color **58.2606, 0.3020, 0.3744** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.0780, 0.3255, 0.2875**, and the grayscale version is **53.9800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7753, 0.3043, 0.3516**, and **29.0139, 0.2988, 0.3875** is the 20% darker color. If you saturate the color by 10%, you get **55.5813, 0.2974, 0.3987**, and if you desaturate by 10%, it is **61.3946, 0.3068, 0.3524**.

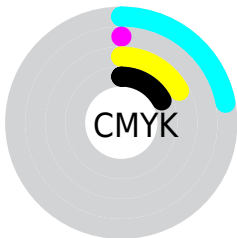
Distribution



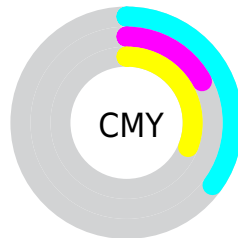
- Red (65%)
- Green (83%)
- Blue (69%)



- Red (65%)
- Yellow (79%)
- Blue (83%)



- Cyan (22%)
- Magenta (0%)
- Yellow (17%)
- Black (17%)





- Cyan (35%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2606, 0.3020, 0.3744 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 58.2606, 0.3020, 0.3744 by changing the saturation by 10% instead.


 58.2606, 0.3020,
0.3744


 58.2606, 0.3020,
0.3744


418.1563, 0.3075,
0.3519

 42.0182, 0.3006,
0.3800


 102.3023, 0.3040,
0.3662

 29.1155, 0.2988,
0.3871


 130.8703, 0.3048,
0.3632

 19.1682, 0.2963,
0.3966


164.3157, 0.3054,
0.3606

 11.7919, 0.2928,
0.4096

203.0228, 0.3060,
0.3583

 6.6021, 0.2874,
0.4289

247.3760, 0.3064,
0.3564

 3.2146, 0.2783,
0.4600

297.7597, 0.3068,

 1.2447, 0.2627,

0.3547

0.5426

354.5583, 0.3072,
0.3532

0.0978, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.2606, 0.3020,
0.3744

58.2606, 0.3020,
0.3744

55.5813, 0.2974,
0.3987

61.3946, 0.3068,
0.3524

53.3281, 0.2934,
0.4252

64.9954, 0.3117,
0.3329

51.4810, 0.2901,
0.4531

69.0841, 0.3164,
0.3158

50.0149, 0.2879,
0.4816

73.6780, 0.3211,
0.3008

■ 48.9021, 0.2870,
0.5094

■ 75.5703, 0.3147,
0.2871

■ 48.1111, 0.2877,
0.5350

■ 47.6042, 0.2897,
0.5569

■ 47.3573, 0.2920,
0.5710

Harmonies

Analogous

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



58.2606, 0.3350, 0.3877



58.2606, 0.3020, 0.3744



58.2606, 0.2730, 0.3468

Triad

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



58.2606, 0.3020, 0.3744



58.2606, 0.2634, 0.2763



58.2606, 0.3741, 0.3378

Complementary

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



58.2606, 0.3020, 0.3744



45.0780, 0.3255, 0.2875

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.



58.2606, 0.3529, 0.3109



58.2606, 0.3020, 0.3744



58.2606, 0.2883, 0.2765

Square

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



58.2606, 0.3020, 0.3744



58.2606, 0.2516, 0.2897



58.2606, 0.3210, 0.2890



58.2606, 0.3777, 0.3640

Rectangle

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



58.2606, 0.3020, 0.3744



58.2606, 0.2594, 0.3254



58.2606, 0.3210, 0.2890



58.2606, 0.3688, 0.3286

Sweetspot

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



58.2631, 0.3020, 0.3744



95.9433, 0.3093, 0.3422



62.1212, 0.3366, 0.3857



20.4646, 0.3090, 0.3434



0.0000, 0.0000, 0.0000



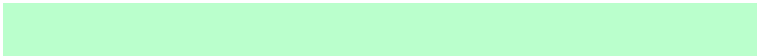
21.4041, 0.3127, 0.3290

Same Dimension

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



58.2631, 0.3020, 0.3744



86.3236, 0.2996, 0.3866



59.2713, 0.2872, 0.3438



13.9474, 0.3081, 0.3468



29.2479, 0.2913, 0.5687



1.7776, 0.2817, 0.5343

Inverse Universe

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



45.0780, 0.3255, 0.2875



62.5812, 0.3291, 0.2777



44.0714, 0.3466, 0.3148



12.5761, 0.3176, 0.3118



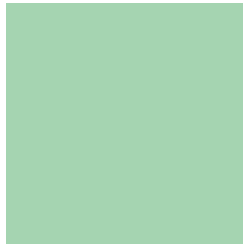
10.1806, 0.3976, 0.1964



0.6271, 0.3815, 0.1875

Previews

White Background



This preview shows how the Yxy color 58.2606, 0.3020, 0.3744 looks on a white background.

Color Contrast Check

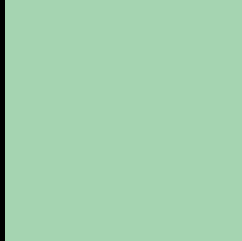
Large Text (above 18pt) WCAG AA × Fail

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 58.2606, 0.3020, 0.3744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

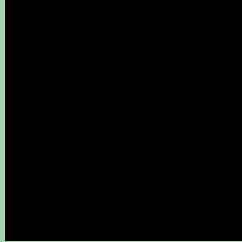
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2606, 0.3020, 0.3744

Background



This preview shows how black text looks on a background with the Yxy color 58.2606, 0.3020, 0.3744.



This preview shows how white text looks on a background with the Yxy color 58.2606, 0.3020, 0.3744.

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

58.2606, 0.3020, 0.3744

Protanopia

58.0977, 0.3433, 0.3635

Deuteranopia

57.8070, 0.3504, 0.3428



Tritanopia

58.3008, 0.2786, 0.3095

Trichromacy



Original Color

58.2606, 0.3020, 0.3744

Protanomaly

57.6722, 0.3273, 0.3673

Deuteranomaly

57.4412, 0.3307, 0.3531

Tritanomaly

58.1140, 0.2867, 0.3314

Monochromacy



Original Color

58.2606, 0.3020, 0.3744

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.4714, 0.3081, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2606, 0.3020, 0.3744 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(165, 212, 177)` looks like.

```
.text, #text, p{  
    color:rgb(165, 212, 177)  
}
```

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(165, 212, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 212, 177) }
```

Border

The CSS property to change the border of an element to Yxy 58.2606, 0.3020, 0.3744 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(165, 212, 177) }
```

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

```
.border{ border-color:rgb(165, 212, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 212, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 212, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 212, 177);  
box-shadow:4px 4px 4px 4px rgb(165, 212,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2606, 0.3020, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 212, 177) }
```

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

```
.background{ background-color: rgb(165,  
212, 177) }
```

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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