

Converting Colors

$Yxy(58.9740, 0.2944, 0.3775)$

Have a look what the booklet for
Yxy(58.9740, 0.2944, 0.3775)
contains.

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Color

Yxy(58.7838, 0.2945, 0.3776)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9BD7B2 |
| RGB | 155, 215, 178 |
| RGB Percent | 61%, 84%, 70% |
| CMY | 0.3923, 0.1568, 0.3020 |
| CMYK | 0.28, 0.00, 0.17, 0.16 |
| HSL | 143°, 43%, 73% |
| HSV | 143°, 28%, 84% |
| XYZ | 45.8470, 58.7838, 51.0466 |
| YIQ | 192.8420, -23.8830, -24.2270 |

Conversions

Conversions Part 2

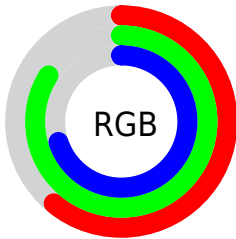
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 155, 198, 215 |
| Decimal | 10213298 |
| CIELab | 81.17, -26.72, 12.17 |
| CIELCh | 81, 29.361, 155.513 |
| Yxy | 58.7838, 0.2945, 0.3776 |
| Android (android.graphics.Color) | 4288403378 (0xFF9BD7B2) |
| YUV | 192.8420, -7.3171, -33.1874 |
| Hunter-Lab | 76.6706, -27.4352, 14.1946 |

Details

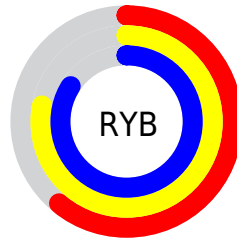
The Yxy color **58.7838, 0.2945, 0.3776** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.6819, 0.3368, 0.2850**, and the grayscale version is **53.2810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3094, 0.2978, 0.3510**, and **29.4471, 0.2895, 0.3919** is the 20% darker color. If you saturate the color by 10%, you get **56.3387, 0.2888, 0.3986**, and if you desaturate by 10%, it is **61.6639, 0.3008, 0.3585**.

Distribution



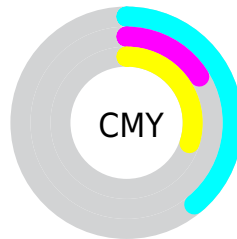
- Red (61%)
- Green (84%)
- Blue (70%)



- Red (61%)
- Yellow (78%)
- Blue (84%)



- Cyan (28%)
- Magenta (0%)
- Yellow (17%)
- Black (16%)





- Cyan (39%)
- Magenta (16%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7838, 0.2945, 0.3776 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 58.7838, 0.2945, 0.3776 by changing the saturation by 10% instead.


 58.7838, 0.2945,
0.3776


 58.7838, 0.2945,
0.3776


420.1002, 0.3036,
0.3534

 42.4391, 0.2922,
0.3836


 103.0634, 0.2978,
0.3688

 29.4453, 0.2893,
0.3913


 131.7670, 0.2991,
0.3656

 19.4179, 0.2853,
0.4014


165.3592, 0.3001,
0.3628

 11.9726, 0.2799,
0.4155

204.2241, 0.3010,
0.3604

 6.7251, 0.2717,
0.4362

248.7463, 0.3018,
0.3583

 3.2908, 0.2583,
0.4698

299.3101, 0.3025,

 1.2853, 0.2271,

0.3565

356.3000, 0.3031,
0.3549

0.5577

0.1298, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.7838, 0.2945,
0.3776

58.7838, 0.2945,
0.3776

56.3387, 0.2888,
0.3986

61.6639, 0.3008,
0.3585

54.2999, 0.2839,
0.4211

64.9918, 0.3074,
0.3413

52.6461, 0.2802,
0.4448

68.7885, 0.3141,
0.3260

51.3515, 0.2781,
0.4689

73.0718, 0.3207,
0.3125

■ 50.3868, 0.2778,
0.4927

■ 76.4153, 0.3218,
0.3002

■ 49.7177, 0.2793,
0.5151

■ 77.0878, 0.3145,
0.2901

■ 49.2960, 0.2824,
0.5353

■ 49.2244, 0.2831,
0.5392

Harmonies

Analogous

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



58.7838, 0.3323, 0.3960



58.7838, 0.2945, 0.3776



58.7838, 0.2629, 0.3437

Triad

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



58.7838, 0.2945, 0.3776



58.7838, 0.2598, 0.2678



58.7838, 0.3856, 0.3434

Complementary

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



58.7838, 0.2945, 0.3776



41.6819, 0.3368, 0.2850

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.



58.7838, 0.3638, 0.3127



58.7838, 0.2945, 0.3776



58.7838, 0.2899, 0.2706

Square

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



58.7838, 0.2945, 0.3776



58.7838, 0.2439, 0.2803



58.7838, 0.3280, 0.2867



58.7838, 0.3861, 0.3728

Rectangle

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



58.7838, 0.2945, 0.3776



58.7838, 0.2491, 0.3189



58.7838, 0.3280, 0.2867



58.7838, 0.3805, 0.3330

Sweetspot

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



58.7862, 0.2945, 0.3776



95.5506, 0.3073, 0.3415



62.1783, 0.3365, 0.4027



20.2835, 0.3063, 0.3440



0.0000, 0.0000, 0.0000



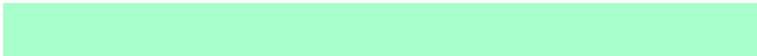
21.4041, 0.3127, 0.3290

Same Dimension

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



58.7862, 0.2945, 0.3776



84.1213, 0.2907, 0.3908



60.1264, 0.2764, 0.3378



13.9740, 0.3064, 0.3437



29.4572, 0.2823, 0.5364



1.7926, 0.2725, 0.5011

Inverse Universe

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



41.6819, 0.3368, 0.2850



54.6361, 0.3441, 0.2746



40.4846, 0.3663, 0.3206



12.5482, 0.3196, 0.3147



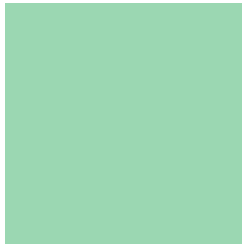
9.6673, 0.4465, 0.2233



0.5990, 0.4191, 0.2082

Previews

White Background



This preview shows how the Yxy color 58.7838, 0.2945, 0.3776 looks on a white background.

Color Contrast Check

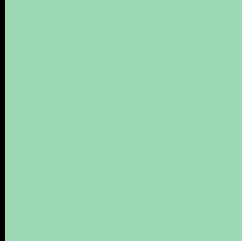
Large Text (above 18pt) WCAG AA × Fail

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 58.7838, 0.2945, 0.3776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

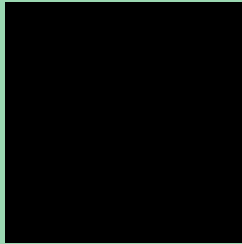
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

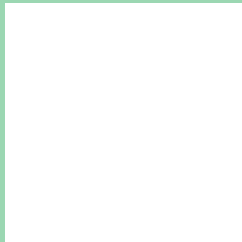
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7838, 0.2945, 0.3776

Background



This preview shows how black text looks on a background with the Yxy color 58.7838, 0.2945, 0.3776.



This preview shows how white text looks on a background with the Yxy color 58.7838, 0.2945, 0.3776.

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

58.7838, 0.2945, 0.3776

Protanopia

58.0977, 0.3433, 0.3635

Deuteranopia

58.2919, 0.3493, 0.3427



Tritanopia

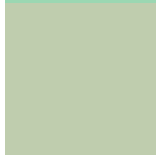
58.4405, 0.2713, 0.3081

Trichromacy



Original Color

58.7838, 0.2945, 0.3776



Protanomaly

57.7950, 0.3240, 0.3675



Deuteranomaly

57.9948, 0.3273, 0.3544



Tritanomaly

58.7197, 0.2798, 0.3327

Monochromacy



Original Color

58.7838, 0.2945, 0.3776



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

54.9878, 0.3050, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7838, 0.2945, 0.3776 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(155, 215, 178)` looks like.

```
.text, #text, p{  
    color:rgb(155, 215, 178)  
}
```

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(155, 215, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 215, 178) }
```

Border

The CSS property to change the border of an element to Yxy 58.7838, 0.2945, 0.3776 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(155, 215, 178) }
```

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

```
.border{ border-color:rgb(155, 215, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 215, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 215, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 215, 178);  
box-shadow:4px 4px 4px 4px rgb(155, 215,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7838, 0.2945, 0.3776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 215, 178) }
```

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

```
.background{ background-color: rgb(155,  
215, 178) }
```

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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