

Converting Colors

$Yxy(58.4920, 0.2942, 0.3767)$

Have a look what the booklet for
Yxy(58.4920, 0.2942, 0.3767)
contains.

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Color

Yxy(58.2760, 0.2945, 0.3764)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9BD6B2 |
| RGB | 155, 214, 178 |
| RGB Percent | 61%, 84%, 70% |
| CMY | 0.3922, 0.1607, 0.3020 |
| CMYK | 0.28, 0.00, 0.17, 0.16 |
| HSL | 143°, 42%, 72% |
| HSV | 143°, 28%, 84% |
| XYZ | 45.5959, 58.2760, 50.9528 |
| YIQ | 192.2550, -23.6080, -23.7040 |

Conversions

Conversions Part 2

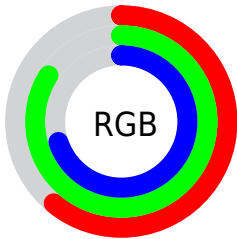
| Format | Color |
|-------------------------------------|---|
| RYB | 155, 197, 214 |
| Decimal | 10213042 |
| CIELab | 80.89, -26.23, 11.78 |
| CIElCh | 81, 28.752, 155.811 |
| Yxy | 58.2760, 0.2945, 0.3764 |
| Android (android.graphics.Color) | 4288403122 (0xFF9BD6B2) |
| YUV | 192.2550, -7.0277, -32.6726 |
| Hunter-Lab | 76.3387, -26.9776, 13.8636 |

Details

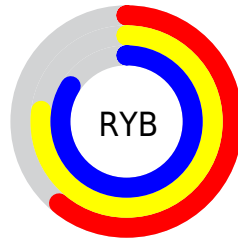
The Yxy color **58.2760, 0.2945, 0.3764** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.4976, 0.3367, 0.2860**, and the grayscale version is **52.9198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3094, 0.2978, 0.3510**, and **29.1017, 0.2894, 0.3903** is the 20% darker color. If you saturate the color by 10%, you get **55.8456, 0.2887, 0.3971**, and if you desaturate by 10%, it is **61.1365, 0.3009, 0.3575**.

Distribution



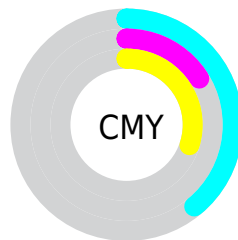
- Red (61%)
- Green (84%)
- Blue (70%)



- Red (61%)
- Yellow (77%)
- 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 58.2760, 0.2945, 0.3764 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 58.2760, 0.2945, 0.3764 by changing the saturation by 10% instead.


 58.2760, 0.2945,
0.3764

 58.2760, 0.2945,
0.3764


418.2136, 0.3036,
0.3528

 42.0306, 0.2922,
0.3823


 102.3247, 0.2978,
0.3679

 29.1252, 0.2893,
0.3897


 130.8967, 0.2991,
0.3646

 19.1756, 0.2854,
0.3997


164.3464, 0.3001,
0.3619

 11.7972, 0.2799,
0.4134

203.0582, 0.3010,
0.3596

 6.6058, 0.2717,
0.4338

247.4163, 0.3018,
0.3576

 3.2168, 0.2583,
0.4668

297.8054, 0.3025,

 1.2459, 0.2257,

0.3558

0.5560

354.6097, 0.3031,
0.3542

0.0987, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.2760, 0.2945,
0.3764

58.2760, 0.2945,
0.3764

55.8456, 0.2887,
0.3971

61.1365, 0.3009,
0.3575

53.8167, 0.2837,
0.4193


64.4394, 0.3076,
0.3406


52.1688, 0.2799,
0.4427

68.2057, 0.3144,
0.3255

50.8762, 0.2777,
0.4667


72.4527, 0.3211,
0.3122

 49.9103, 0.2773,
0.4902

 75.8469, 0.3225,
0.3001

 49.2374, 0.2787,
0.5126

 76.5778, 0.3146,
0.2891

 48.8117, 0.2818,
0.5329

 48.7281, 0.2826,
0.5374

Harmonies

Analogous

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



58.2760, 0.3316, 0.3947



58.2760, 0.2945, 0.3764



58.2760, 0.2635, 0.3431

Triad

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



58.2760, 0.2945, 0.3764



58.2760, 0.2609, 0.2688



58.2760, 0.3844, 0.3436

Complementary

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



58.2760, 0.2945, 0.3764



41.4976, 0.3367, 0.2860

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.



58.2760, 0.3632, 0.3132



58.2760, 0.2945, 0.3764



58.2760, 0.2907, 0.2716

Square

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



58.2760, 0.2945, 0.3764



58.2760, 0.2451, 0.2810



58.2760, 0.3282, 0.2876



58.2760, 0.3847, 0.3724

Rectangle

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



58.2760, 0.2945, 0.3764



58.2760, 0.2501, 0.3188



58.2760, 0.3282, 0.2876



58.2760, 0.3794, 0.3333

Sweetspot

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



58.2784, 0.2945, 0.3764



95.5579, 0.3072, 0.3414



61.5900, 0.3362, 0.4017



20.2853, 0.3062, 0.3439



0.0000, 0.0000, 0.0000



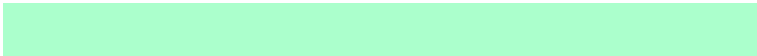
21.4041, 0.3127, 0.3290

Same Dimension

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



58.2784, 0.2945, 0.3764



84.5031, 0.2911, 0.3881



59.5759, 0.2768, 0.3376



13.9753, 0.3063, 0.3436



29.4691, 0.2819, 0.5347



1.7934, 0.2721, 0.4995

Inverse Universe

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



41.4976, 0.3367, 0.2860



55.6148, 0.3433, 0.2767



40.3394, 0.3654, 0.3207



12.5469, 0.3197, 0.3149



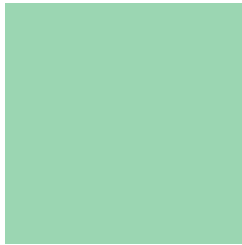
9.6465, 0.4489, 0.2246



0.5979, 0.4209, 0.2093

Previews

White Background



This preview shows how the Yxy color 58.2760, 0.2945, 0.3764 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 58.2760, 0.2945, 0.3764 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 58.2760, 0.2945, 0.3764

Background



This preview shows how black text looks on a background with the Yxy color 58.2760, 0.2945, 0.3764.

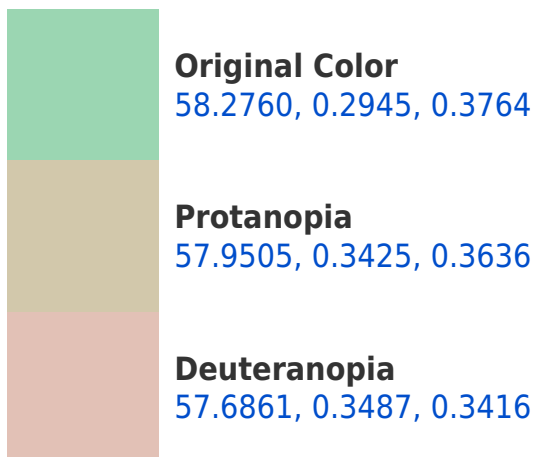


This preview shows how white text looks on a background with the Yxy color 58.2760, 0.2945, 0.3764.

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

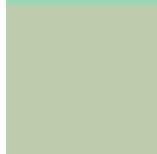
58.3861, 0.2718, 0.3093

Trichromacy



Original Color

58.2760, 0.2945, 0.3764



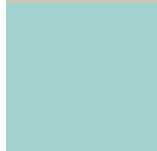
Protanomaly

57.6658, 0.3232, 0.3676



Deuteranomaly

57.3888, 0.3266, 0.3533



Tritanomaly

58.1752, 0.2803, 0.3327

Monochromacy



Original Color

58.2760, 0.2945, 0.3764



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

54.4801, 0.3058, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2760, 0.2945, 0.3764 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, 214, 178)` looks like.

```
.text, #text, p{  
    color:rgb(155, 214, 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, 214, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 214, 178) }
```

Border

The CSS property to change the border of an element to Yxy 58.2760, 0.2945, 0.3764 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, 214, 178) }
```

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

```
.border{ border-color:rgb(155, 214, 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, 214, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 214, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 214, 178);  
box-shadow:4px 4px 4px 4px rgb(155, 214,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2760, 0.2945, 0.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 214, 178) }
```

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

```
.background{ background-color: rgb(155,  
214, 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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