

Converting Colors

$Yxy(65.1121, 0.2952, 0.3851)$

Have a look what the booklet for
Yxy(65.1121, 0.2952, 0.3851)
contains.

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Color

Yxy(65.1410, 0.2950, 0.3848)

Conversions

Conversions Part 1

Format	Color
Hex	9FE2B6
RGB	159, 226, 182
RGB Percent	62%, 89%, 71%
CMY	0.3765, 0.1137, 0.2862
CMYK	0.30, 0.00, 0.19, 0.11
HSL	141°, 54%, 75%
HSV	141°, 30%, 89%
XYZ	49.9392, 65.1410, 54.2052
YIQ	200.9510, -25.8080, -27.8880

Conversions

Conversions Part 2

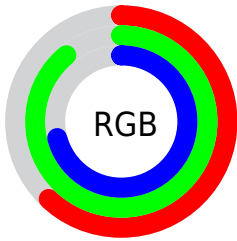
Format	Color
RYB	159, 209, 226
Decimal	10478262
CIELab	84.56, -29.97, 14.86
CIELCh	85, 33.452, 153.621
Yxy	65.1410, 0.2950, 0.3848
Android (android.graphics.Color)	4288668342 (0xFF9FE2B6)
YUV	200.9510, -9.3428, -36.7910
Hunter-Lab	80.7100, -30.7958, 16.6776

Details

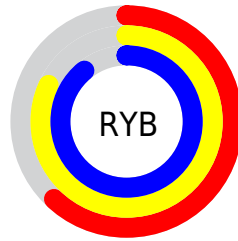
The Yxy color **65.1410, 0.2950, 0.3848** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.2776, 0.3363, 0.2792**, and the grayscale version is **58.4498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1401, 0.2980, 0.3466**, and **33.3377, 0.2896, 0.3996** is the 20% darker color. If you saturate the color by 10%, you get **62.4591, 0.2898, 0.4076**, and if you desaturate by 10%, it is **68.3158, 0.3007, 0.3639**.

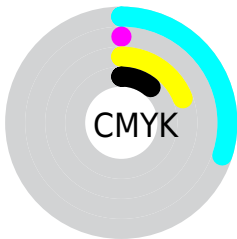
Distribution



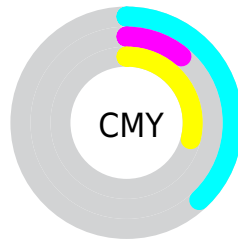
- Red (62%)
- Green (89%)
- Blue (71%)



- Red (62%)
- Yellow (82%)
- Blue (89%)



- Cyan (30%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)





- Cyan (38%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.1410, 0.2950, 0.3848 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 65.1410, 0.2950, 0.3848 by changing the saturation by 10% instead.


 65.1410, 0.2950,
0.3848

 65.1410, 0.2950,
0.3848


443.2985, 0.3039,
0.3574

 47.5754, 0.2928,
0.3915

 112.2525, 0.2982,
0.3750

 33.4908, 0.2900,
0.3999


 142.5673, 0.2994,
0.3712

 22.5027, 0.2862,
0.4111


177.9006, 0.3005,
0.3681

 14.2267, 0.2810,
0.4262

218.6368, 0.3013,
0.3654

 8.2785, 0.2733,
0.4482

265.1603, 0.3021,
0.3630

 4.2737, 0.2609,
0.4826

317.8554, 0.3028,

 1.8278, 0.2393,

0.3609

0.5467

377.1067, 0.3033,
0.3591

0.5044, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

65.1410, 0.2950,
0.3848

65.1410, 0.2950,
0.3848

62.4591, 0.2898,
0.4076

68.3158, 0.3007,
0.3639

60.2368, 0.2855,
0.4320

71.9984, 0.3068,
0.3451

58.4495, 0.2824,
0.4575

76.2134, 0.3129,
0.3284

57.0669, 0.2808,
0.4830

80.9812, 0.3190,
0.3137

■ 56.0544, 0.2810,
0.5077

■ 82.8745, 0.3140,
0.3009

■ 55.3716, 0.2829,
0.5304

■ 54.9519, 0.2862,
0.5502

■ 54.9392, 0.2863,
0.5508

Harmonies

Analogous

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



65.1410, 0.3365, 0.4036



65.1410, 0.2950, 0.3848



65.1410, 0.2598, 0.3477

Triad

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



65.1410, 0.2950, 0.3848



65.1410, 0.2531, 0.2624



65.1410, 0.3922, 0.3423

Complementary

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



65.1410, 0.2950, 0.3848



45.2776, 0.3363, 0.2792

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.



65.1410, 0.3668, 0.3089



65.1410, 0.2950, 0.3848



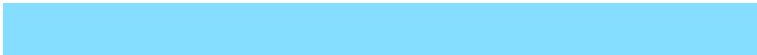
65.1410, 0.2851, 0.2645

Square

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



65.1410, 0.2950, 0.3848



65.1410, 0.2369, 0.2768



65.1410, 0.3267, 0.2813



65.1410, 0.3942, 0.3748

Rectangle

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



65.1410, 0.2950, 0.3848



65.1410, 0.2441, 0.3201



65.1410, 0.3267, 0.2813



65.1410, 0.3861, 0.3309

Sweetspot

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



65.1437, 0.2950, 0.3848



94.9715, 0.3072, 0.3441



69.6885, 0.3405, 0.4072



20.1655, 0.3063, 0.3467



0.0000, 0.0000, 0.0000



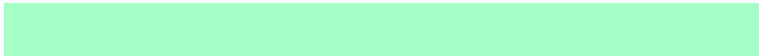
21.4041, 0.3127, 0.3290

Same Dimension

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



65.1437, 0.2950, 0.3848



83.2557, 0.2915, 0.3996



66.6635, 0.2761, 0.3425



15.4146, 0.3069, 0.3448



31.3619, 0.2855, 0.5480



2.1903, 0.2768, 0.5165

Inverse Universe

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



45.2776, 0.3363, 0.2792



52.8784, 0.3432, 0.2679



43.8750, 0.3677, 0.3161



13.8515, 0.3190, 0.3137



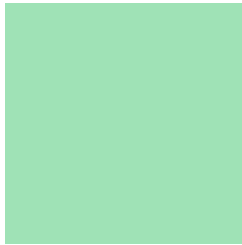
10.4739, 0.4309, 0.2147



0.7426, 0.4096, 0.2030

Previews

White Background



This preview shows how the Yxy color 65.1410, 0.2950, 0.3848 looks on a white background.

Color Contrast Check

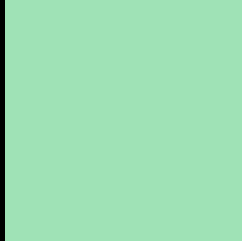
Large Text (above 18pt) WCAG AA × Fail

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 65.1410, 0.2950, 0.3848 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

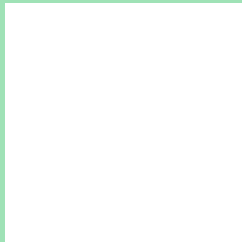
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1410, 0.2950, 0.3848

Background



This preview shows how black text looks on a background with the Yxy color 65.1410, 0.2950, 0.3848.

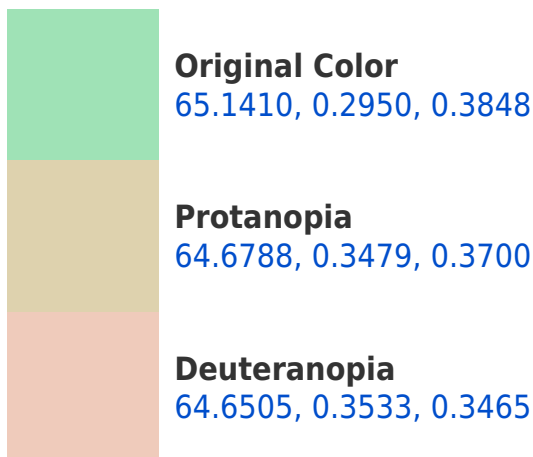


This preview shows how white text looks on a background with the Yxy color 65.1410, 0.2950, 0.3848.

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

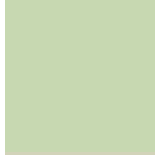
65.2652, 0.2700, 0.3089

Trichromacy



Original Color

65.1410, 0.2950, 0.3848



Protanomaly

64.4282, 0.3267, 0.3756



Deuteranomaly

63.7930, 0.3302, 0.3593



Tritanomaly

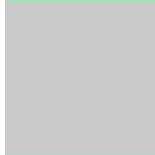
65.3074, 0.2792, 0.3362

Monochromacy



Original Color

65.1410, 0.2950, 0.3848



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

60.4273, 0.3059, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1410, 0.2950, 0.3848 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(159, 226, 182)` looks like.

```
.text, #text, p{  
    color:rgb(159, 226, 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(159, 226, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 226, 182) }
```

Border

The CSS property to change the border of an element to Yxy 65.1410, 0.2950, 0.3848 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(159, 226, 182) }
```

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

```
.border{ border-color:rgb(159, 226, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 226, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 226, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 226, 182); box-shadow:4px 4px 4px 4px rgb(159, 226, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1410, 0.2950, 0.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 226, 182) }
```

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

```
.background{ background-color: rgb(159,  
226, 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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