

Converting Colors

$Yxy(59.4360, 0.2954, 0.4001)$

Have a look what the booklet for
Yxy(59.4360, 0.2954, 0.4001)
contains.

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Color

Yxy(59.4360, 0.2954, 0.4001)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 91DBA6 |
| RGB | 145, 219, 166 |
| RGB Percent | 57%, 86%, 65% |
| CMY | 0.4316, 0.1411, 0.3490 |
| CMYK | 0.34, 0.00, 0.24, 0.14 |
| HSL | 137°, 51%, 71% |
| HSV | 137°, 34%, 86% |
| XYZ | 43.8825, 59.4360, 45.2343 |
| YIQ | 190.8320, -27.0910, -32.1710 |

Conversions

Conversions Part 2

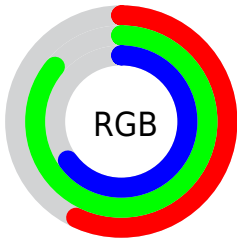
| Format | Color |
|-------------------------------------|--|
| RYB | 145, 203, 219 |
| Decimal | 9558950 |
| CIELab | 81.53, -33.95, 18.92 |
| CIELCh | 82, 38.864, 150.863 |
| Yxy | 59.4360, 0.2954, 0.4001 |
| Android (android.graphics.Color) | 4287749030 (0xFF91DBA6) |
| YUV | 190.8320, -12.2422, -40.1947 |
| Hunter-Lab | 77.0947, -33.3132, 19.1787 |

Details

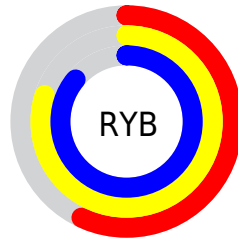
The Yxy color **59.4360, 0.2954, 0.4001** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.3683, 0.3362, 0.2673**, and the grayscale version is **52.0751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1580, 0.2990, 0.3657**, and **29.9900, 0.2896, 0.4210** is the 20% darker color. If you saturate the color by 10%, you get **57.0974, 0.2911, 0.4258**, and if you desaturate by 10%, it is **62.2331, 0.3002, 0.3764**.

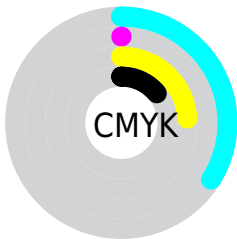
Distribution



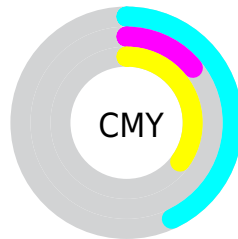
- Red (57%)
- Green (86%)
- Blue (65%)



- Red (57%)
- Yellow (80%)
- Blue (86%)



- Cyan (34%)
- Magenta (0%)
- Yellow (24%)
- Black (14%)





- Cyan (43%)
- Magenta (14%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4360, 0.2954, 0.4001 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 59.4360, 0.2954, 0.4001 by changing the saturation by 10% instead.

 59.4360, 0.2954,
0.4001


 59.4360, 0.2954,
0.4001


422.5158, 0.3045,
0.3644

 42.9642, 0.2930,
0.4090


 104.0111, 0.2988,
0.3871

 29.8570, 0.2898,
0.4205


 132.8831, 0.3001,
0.3822

 19.7301, 0.2855,
0.4358


166.6574, 0.3011,
0.3781

 12.1990, 0.2793,
0.4570

205.7183, 0.3020,
0.3746

 6.8794, 0.2696,
0.4884

250.4502, 0.3028,
0.3715

 3.3868, 0.2528,
0.5392

301.2374, 0.3034,

 1.3368, 0.2151,

0.3688

0.7475

358.4645, 0.3040,
0.3665

■ 0.1695, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4360, 0.2954,
0.4001

■ 59.4360, 0.2954,
0.4001

■ 57.0974, 0.2911,
0.4258

■ 62.2331, 0.3002,
0.3764

■ 55.1853, 0.2878,
0.4529

■ 65.5040, 0.3054,
0.3549

■ 53.6750, 0.2856,
0.4805

■ 69.2724, 0.3107,
0.3357

■ 52.5364, 0.2850,
0.5074

■ 73.5582, 0.3159,
0.3188

■ 51.7348, 0.2859,
0.5323

■ 78.3801, 0.3210,
0.3041

■ 51.2285, 0.2884,
0.5538

■ 79.1516, 0.3144,
0.2940

■ 51.0224, 0.2903,
0.5650

Harmonies

Analogous

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



59.4360, 0.3448, 0.4197



59.4360, 0.2954, 0.4001



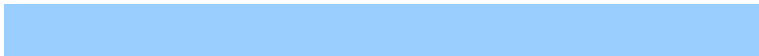
59.4360, 0.2528, 0.3558

Triad

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



59.4360, 0.2954, 0.4001



59.4360, 0.2394, 0.2509



59.4360, 0.4064, 0.3400

Complementary

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



59.4360, 0.2954, 0.4001



39.3683, 0.3362, 0.2673

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.



59.4360, 0.3736, 0.3015



59.4360, 0.2954, 0.4001



59.4360, 0.2754, 0.2521

Square

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



59.4360, 0.2954, 0.4001



59.4360, 0.2226, 0.2690



59.4360, 0.3243, 0.2703



59.4360, 0.4111, 0.3790

Rectangle

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



59.4360, 0.2954, 0.4001



59.4360, 0.2334, 0.3220



59.4360, 0.3243, 0.2703



59.4360, 0.3982, 0.3268

Sweetspot

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



59.4385, 0.2954, 0.4001



94.3602, 0.3074, 0.3474



64.7232, 0.3470, 0.4179



20.0399, 0.3066, 0.3502



0.0000, 0.0000, 0.0000



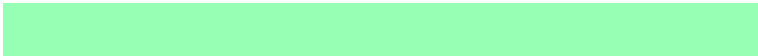
21.4041, 0.3127, 0.3290

Same Dimension

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



59.4385, 0.2954, 0.4001



81.3493, 0.2921, 0.4193



60.9955, 0.2738, 0.3495



14.6668, 0.3077, 0.3462



30.2651, 0.2896, 0.5625



1.9754, 0.2804, 0.5296

Inverse Universe

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



39.3683, 0.3362, 0.2673



48.6677, 0.3432, 0.2537



37.8660, 0.3744, 0.3098



13.2084, 0.3181, 0.3124



10.3876, 0.4083, 0.2023



0.6875, 0.3908, 0.1926

Previews

White Background



This preview shows how the Yxy color 59.4360, 0.2954, 0.4001 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 59.4360, 0.2954, 0.4001 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 59.4360, 0.2954, 0.4001

Background



This preview shows how black text looks on a background with the Yxy color 59.4360, 0.2954, 0.4001.



This preview shows how white text looks on a background with the Yxy color 59.4360, 0.2954, 0.4001.

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

59.4360, 0.2954, 0.4001

Protanopia

58.6890, 0.3564, 0.3798

Deuteranopia

58.6797, 0.3625, 0.3550



Tritanopia

59.3581, 0.2657, 0.3080

Trichromacy



Original Color

59.4360, 0.2954, 0.4001



Protanomaly

58.6321, 0.3321, 0.3877



Deuteranomaly

57.8558, 0.3352, 0.3705



Tritanomaly

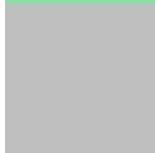
59.2732, 0.2768, 0.3404

Monochromacy



Original Color

59.4360, 0.2954, 0.4001



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

54.1494, 0.3054, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4360, 0.2954, 0.4001 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(145, 219, 166)` looks like.

```
.text, #text, p{  
    color:rgb(145, 219, 166)  
}
```

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(145, 219, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 219, 166) }
```

Border

The CSS property to change the border of an element to Yxy 59.4360, 0.2954, 0.4001 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(145, 219, 166) }
```

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

```
.border{ border-color:rgb(145, 219, 166) }
```

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

Here you see how a box with a 4 pixel rgb(145, 219, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 219, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 219, 166);  
box-shadow:4px 4px 4px 4px rgb(145, 219,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4360, 0.2954, 0.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 219, 166) }
```

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

```
.background{ background-color: rgb(145,  
219, 166) }
```

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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