

Converting Colors

$Yxy(59.0316, 0.2959, 0.3704)$

Have a look what the booklet for
Yxy(59.0316, 0.2959, 0.3704)
contains.

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Color

Yxy(59.0476, 0.2960, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	A1D6B6
RGB	161, 214, 182
RGB Percent	63%, 84%, 71%
CMY	0.3687, 0.1608, 0.2862
CMYK	0.25, 0.00, 0.15, 0.16
HSL	144°, 39%, 74%
HSV	144°, 25%, 84%
XYZ	47.1871, 59.0476, 53.1811
YIQ	194.5050, -21.3160, -21.1880

Conversions

Conversions Part 2

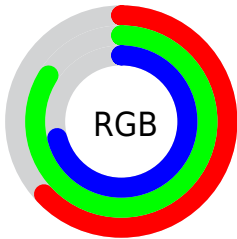
Format	Color
RYB	161, 199, 214
Decimal	10606262
CIELab	81.32, -23.56, 10.28
CIElCh	81, 25.708, 156.421
Yxy	59.0476, 0.2960, 0.3704
Android (android.graphics.Color)	4288796342 (0xFFFA1D6B6)
YUV	194.5050, -6.1650, -29.3839
Hunter-Lab	76.8424, -24.8618, 12.7563

Details

The Yxy color **59.0476, 0.2960, 0.3704** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.6283, 0.3341, 0.2910**, and the grayscale version is **54.3104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4448, 0.2992, 0.3465**, and **29.5694, 0.2913, 0.3820** is the 20% darker color. If you saturate the color by 10%, you get **56.5047, 0.2899, 0.3903**, and if you desaturate by 10%, it is **62.0252, 0.3026, 0.3523**.

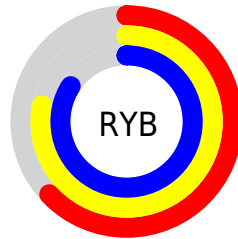
Distribution



Red (63%)

Green (84%)

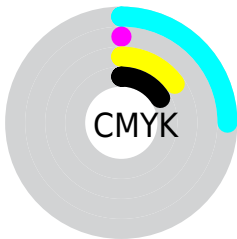
Blue (71%)



Red (63%)

Yellow (78%)

Blue (84%)

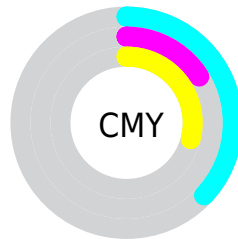


Cyan (25%)

Magenta (0%)

Yellow (15%)

Black (16%)



Cyan (37%)

Magenta (16%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0476, 0.2960, 0.3704 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 59.0476, 0.2960, 0.3704 by changing the saturation by 10% instead.


 59.0476, 0.2960,
0.3704


 59.0476, 0.2960,
0.3704

421.0783, 0.3043,
0.3499

 42.6514, 0.2939,
0.3754


 103.4468, 0.2990,
0.3630

 29.6117, 0.2913,
0.3819


 132.2187, 0.3001,
0.3602

 19.5441, 0.2878,
0.3904


165.8846, 0.3011,
0.3579

 12.0641, 0.2830,
0.4021

204.8289, 0.3019,
0.3558

 6.7873, 0.2758,
0.4194

249.4361, 0.3026,
0.3541

 3.3294, 0.2642,
0.4471

300.0904, 0.3033,

 1.3061, 0.2399,

0.3525

0.5088

357.1763, 0.3038,
0.3511

0.1459, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.0476, 0.2960,
0.3704

59.0476, 0.2960,
0.3704

56.5047, 0.2899,
0.3903

62.0252, 0.3026,
0.3523

54.3682, 0.2846,
0.4119

65.4492, 0.3094,
0.3361

52.6183, 0.2804,
0.4347

69.3402, 0.3163,
0.3217

51.2302, 0.2777,
0.4583

73.7154, 0.3231,
0.3091

■ 50.1763, 0.2766,
0.4818

■ 76.0445, 0.3203,
0.2970

■ 49.4245, 0.2775,
0.5044

■ 76.5765, 0.3146,
0.2891

■ 48.9361, 0.2802,
0.5253

■ 48.7515, 0.2820,
0.5353

Harmonies

Analogous

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



59.0476, 0.3291, 0.3870



59.0476, 0.2960, 0.3704



59.0476, 0.2684, 0.3410

Triad

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



59.0476, 0.2960, 0.3704



59.0476, 0.2668, 0.2750



59.0476, 0.3766, 0.3429

Complementary

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



59.0476, 0.2960, 0.3704



43.6283, 0.3341, 0.2910

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.



59.0476, 0.3582, 0.3156



59.0476, 0.2960, 0.3704



59.0476, 0.2938, 0.2777

Square

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



59.0476, 0.2960, 0.3704



59.0476, 0.2523, 0.2859



59.0476, 0.3273, 0.2923



59.0476, 0.3767, 0.3685

Rectangle

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



59.0476, 0.2960, 0.3704



59.0476, 0.2564, 0.3195



59.0476, 0.3273, 0.2923



59.0476, 0.3723, 0.3337

Sweetspot

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



59.0501, 0.2960, 0.3704



96.0963, 0.3079, 0.3396



62.0960, 0.3339, 0.3939



20.5000, 0.3074, 0.3406



0.0000, 0.0000, 0.0000



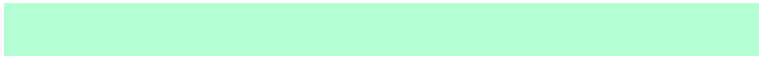
21.4041, 0.3127, 0.3290

Same Dimension

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



59.0501, 0.2960, 0.3704



85.6411, 0.2926, 0.3812



60.2167, 0.2801, 0.3367



13.9768, 0.3062, 0.3434



29.4843, 0.2813, 0.5325



1.7944, 0.2715, 0.4974

Inverse Universe

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



43.6283, 0.3341, 0.2910



58.7164, 0.3402, 0.2822



42.5761, 0.3585, 0.3216



12.5453, 0.3198, 0.3150



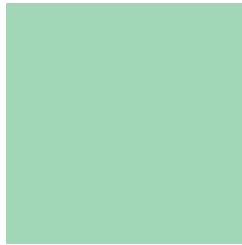
9.6210, 0.4519, 0.2263



0.5964, 0.4232, 0.2105

Previews

White Background



This preview shows how the Yxy color 59.0476, 0.2960, 0.3704 looks on a white background.

Color Contrast Check

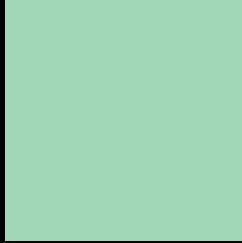
Large Text (above 18pt) WCAG AA × Fail

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 59.0476, 0.2960, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

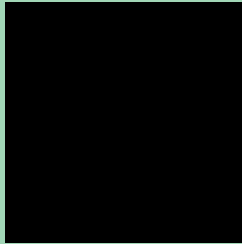
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

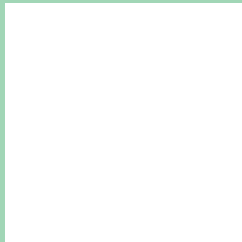
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0476, 0.2960, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 59.0476, 0.2960, 0.3704.



This preview shows how white text looks on a background with the Yxy color 59.0476, 0.2960, 0.3704.

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

59.0476, 0.2960, 0.3704

Protanopia

58.7173, 0.3401, 0.3598

Deuteranopia

58.2975, 0.3453, 0.3382



Tritanopia

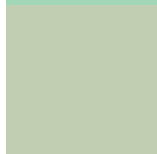
58.9830, 0.2744, 0.3083

Trichromacy



Original Color

59.0476, 0.2960, 0.3704



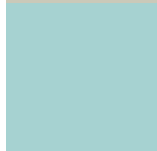
Protanomaly

58.6944, 0.3226, 0.3634



Deuteranomaly

57.8326, 0.3252, 0.3483



Tritanomaly

58.8036, 0.2823, 0.3302

Monochromacy



Original Color

59.0476, 0.2960, 0.3704



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

56.0260, 0.3067, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0476, 0.2960, 0.3704 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(161, 214, 182)` looks like.

```
.text, #text, p{  
    color:rgb(161, 214, 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(161, 214, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 214, 182) }
```

Border

The CSS property to change the border of an element to Yxy 59.0476, 0.2960, 0.3704 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(161, 214, 182) }
```

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

```
.border{ border-color:rgb(161, 214, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 214, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 214, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 214, 182); box-shadow:4px 4px 4px 4px rgb(161, 214, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0476, 0.2960, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 214, 182) }
```

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

```
.background{ background-color: rgb(161,  
214, 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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