

Converting Colors

$Yxy(47.4407, 0.3018, 0.3595)$

Have a look what the booklet for
Yxy(47.4407, 0.3018, 0.3595)
contains.

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Color

Yxy(47.2943, 0.3017, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	9DBFA9
RGB	157, 191, 169
RGB Percent	62%, 75%, 66%
CMY	0.3845, 0.2509, 0.3373
CMYK	0.18, 0.00, 0.12, 0.25
HSL	141°, 21%, 68%
HSV	141°, 18%, 75%
XYZ	39.6904, 47.2943, 44.5711
YIQ	178.3260, -13.2020, -14.0500

Conversions

Conversions Part 2

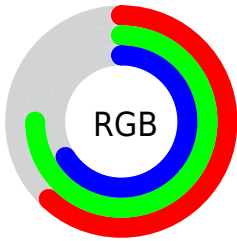
Format	Color
RYB	157, 182, 191
Decimal	10338217
CIELab	74.38, -15.83, 7.32
CIElCh	74, 17.445, 155.179
Yxy	47.2943, 0.3017, 0.3595
Android (android.graphics.Color)	4288528297 (0xFF9DBFA9)
YUV	178.3260, -4.5977, -18.7029
Hunter-Lab	68.7709, -17.3296, 9.7131

Details

The Yxy color **47.2943, 0.3017, 0.3595** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.4318, 0.3257, 0.3003**, and the grayscale version is **44.7295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9004, 0.3040, 0.3535**, and **22.1789, 0.2981, 0.3677** is the 20% darker color. If you saturate the color by 10%, you get **45.0813, 0.2958, 0.3794**, and if you desaturate by 10%, it is **49.8554, 0.3079, 0.3416**.

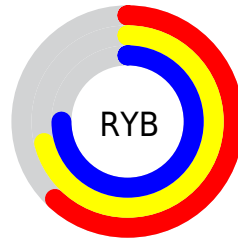
Distribution



Red (62%)

Green (75%)

Blue (66%)



Red (62%)

Yellow (71%)

Blue (75%)

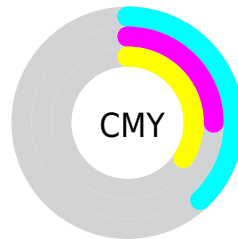


Cyan (18%)

Magenta (0%)

Yellow (12%)

Black (25%)



Cyan (38%)


Magenta (25%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2943, 0.3017, 0.3595 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 47.2943, 0.3017, 0.3595 by changing the saturation by 10% instead.


 47.2943, 0.3017,
0.3595

 47.2943, 0.3017,
0.3595


375.9880, 0.3074,
0.3440

 33.2684, 0.3002,
0.3635


 86.1528, 0.3038,
0.3538

 22.3321, 0.2983,
0.3686


 111.7541, 0.3046,
0.3517

 14.1011, 0.2957,
0.3756


141.9826, 0.3052,
0.3499

 8.1910, 0.2920,
0.3856

177.2228, 0.3058,
0.3483

 4.2174, 0.2863,
0.4010

217.8591, 0.3062,
0.3470

 1.7959, 0.2761,
0.4276

264.2758, 0.3067,

 0.4846, 0.1290,

0.3459

0.8437

316.8573, 0.3070,
0.3449

0.0000, 0.0000,
0.0000

47.2943, 0.3017,
0.3595

47.2943, 0.3017,
0.3595

45.0813, 0.2958,
0.3794

49.8554, 0.3079,
0.3416

43.1954, 0.2904,
0.4012

52.7729, 0.3141,
0.3257

41.6221, 0.2858,
0.4247

56.0620, 0.3202,
0.3117

40.3440, 0.2824,
0.4493

59.7354, 0.3261,
0.2994

39.3413, 0.2804,
0.4743

63.8053, 0.3318,
0.2887

■ 38.5920, 0.2800,
0.4988

■ 65.0044, 0.3244,
0.2772

■ 38.0707, 0.2815,
0.5217

■ 65.7479, 0.3157,
0.2663

■ 37.7395, 0.2844,
0.5422

■ 37.6795, 0.2851,
0.5463

Harmonies

Analogous

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



47.2943, 0.3261, 0.3710



47.2943, 0.3017, 0.3595



47.2943, 0.2809, 0.3389

Triad

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



47.2943, 0.3017, 0.3595



47.2943, 0.2783, 0.2893



47.2943, 0.3589, 0.3390

Complementary

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



47.2943, 0.3017, 0.3595



38.4318, 0.3257, 0.3003

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.



47.2943, 0.3451, 0.3185



47.2943, 0.3017, 0.3595



47.2943, 0.2981, 0.2905

Square

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



47.2943, 0.3017, 0.3595



47.2943, 0.2677, 0.2982



47.2943, 0.3226, 0.3011



47.2943, 0.3597, 0.3578

Rectangle

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



47.2943, 0.3017, 0.3595



47.2943, 0.2716, 0.3235



47.2943, 0.3226, 0.3011



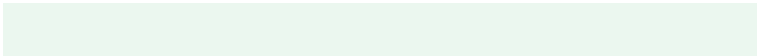
47.2943, 0.3556, 0.3321

Sweetspot

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



47.2963, 0.3017, 0.3595



90.6480, 0.3096, 0.3370



49.2958, 0.3289, 0.3742



19.8265, 0.3091, 0.3382



97.7402, 0.3127, 0.3290



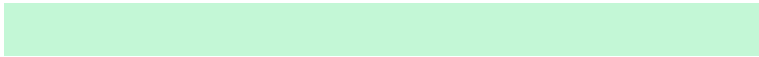
20.4902, 0.3127, 0.3290

Same Dimension

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



47.2963, 0.3017, 0.3595



83.2354, 0.2996, 0.3663



47.9730, 0.2897, 0.3359



10.7039, 0.3069, 0.3442



24.7723, 0.2844, 0.5438



0.9829, 0.2702, 0.4929

Inverse Universe

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



38.4318, 0.3257, 0.3003



64.7069, 0.3287, 0.2945



37.7891, 0.3417, 0.3223



9.6374, 0.3190, 0.3143



8.2427, 0.4336, 0.2163



0.3349, 0.4002, 0.1978

Previews

White Background



This preview shows how the Yxy color 47.2943, 0.3017, 0.3595 looks on a white background.

Color Contrast Check

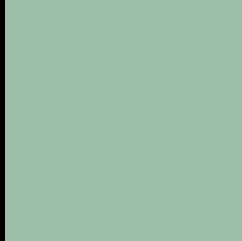
Large Text (above 18pt) WCAG AA × Fail

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 47.2943, 0.3017, 0.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

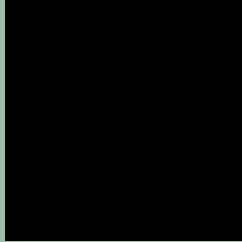
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2943, 0.3017, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 47.2943, 0.3017, 0.3595.



This preview shows how white text looks on a background with the Yxy color 47.2943, 0.3017, 0.3595.

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

47.2943, 0.3017, 0.3595

Protanopia

47.0834, 0.3343, 0.3524

Deuteranopia

46.8666, 0.3412, 0.3341



Tritanopia

47.1214, 0.2835, 0.3092

Trichromacy



Original Color

47.2943, 0.3017, 0.3595

Protanomaly

46.9161, 0.3217, 0.3544

Deuteranomaly

46.5528, 0.3260, 0.3421

Tritanomaly

47.2176, 0.2905, 0.3276

Monochromacy



Original Color

47.2943, 0.3017, 0.3595

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.5082, 0.3080, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2943, 0.3017, 0.3595 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(157, 191, 169)` looks like.

```
.text, #text, p{  
    color:rgb(157, 191, 169)  
}
```

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(157, 191, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 191, 169) }
```

Border

The CSS property to change the border of an element to Yxy 47.2943, 0.3017, 0.3595 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(157, 191, 169) }
```

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

```
.border{ border-color:rgb(157, 191, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 191, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 191, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 191, 169);  
box-shadow:4px 4px 4px 4px rgb(157, 191,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2943, 0.3017, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 191, 169) }
```

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

```
.background{ background-color: rgb(157,  
191, 169) }
```

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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