

Converting Colors

$Yxy(47.5204, 0.3058, 0.3813)$

Have a look what the booklet for
Yxy(47.5204, 0.3058, 0.3813)
contains.

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Color

Yxy(47.5972, 0.3056, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	97C29D
RGB	151, 194, 157
RGB Percent	59%, 76%, 62%
CMY	0.4077, 0.2392, 0.3842
CMYK	0.22, 0.00, 0.19, 0.24
HSL	128°, 26%, 68%
HSV	128°, 22%, 76%
XYZ	38.1477, 47.5972, 39.0839
YIQ	176.9250, -13.7510, -20.6230

Conversions

Conversions Part 2

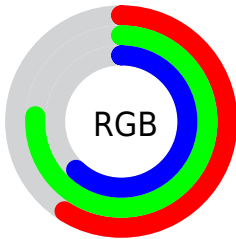
Format	Color
RYB	151, 189, 194
Decimal	9945757
CIELab	74.57, -21.57, 14.02
CIELCh	75, 25.724, 146.981
Yxy	47.5972, 0.3056, 0.3813
Android (android.graphics.Color)	4288135837 (0xFF97C29D)
YUV	176.9250, -9.8230, -22.7362
Hunter-Lab	68.9907, -22.0341, 14.7052

Details

The Yxy color **47.5972, 0.3056, 0.3813** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.2481, 0.3207, 0.2818**, and the grayscale version is **43.9890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8696, 0.3070, 0.3713**, and **22.4494, 0.3023, 0.3963** is the 20% darker color. If you saturate the color by 10%, you get **45.3605, 0.3024, 0.4094**, and if you desaturate by 10%, it is **50.2214, 0.3088, 0.3559**.

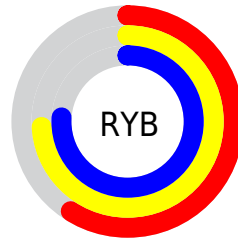
Distribution



Red (59%)

Green (76%)

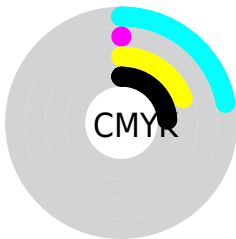
Blue (62%)



Red (59%)

Yellow (74%)

Blue (76%)

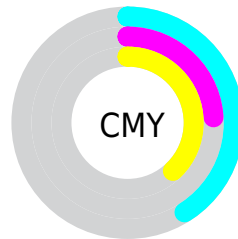


Cyan (22%)

Magenta (0%)

Yellow (19%)

Black (24%)



Cyan (41%)


Magenta (24%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5972, 0.3056, 0.3813 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 47.5972, 0.3056, 0.3813 by changing the saturation by 10% instead.


 47.5972, 0.3056,
0.3813


 47.5972, 0.3056,
0.3813


377.1933, 0.3096,
0.3544

 33.5080, 0.3045,
0.3883

 86.6044, 0.3072,
0.3713

 22.5159, 0.3029,
0.3974


 112.2911, 0.3077,
0.3676

 14.2365, 0.3007,
0.4098


142.6126, 0.3082,
0.3645

 8.2853, 0.2973,
0.4276

177.9530, 0.3085,
0.3619

 4.2781, 0.2915,
0.4552

218.6970, 0.3089,
0.3596

 1.8303, 0.2808,
0.5050

265.2287, 0.3091,

 0.5059, 0.0000,

0.3577

1.0000

317.9327, 0.3094,
0.3559

0.0000, 0.0000,
0.0000

47.5972, 0.3056,
0.3813

47.5972, 0.3056,
0.3813

45.3605, 0.3024,
0.4094

50.2214, 0.3088,
0.3559

43.4871, 0.2995,
0.4398

53.2438, 0.3120,
0.3334

41.9596, 0.2971,
0.4715

56.6823, 0.3151,
0.3137

40.7565, 0.2954,
0.5031

60.5520, 0.3180,
0.2966

39.8540, 0.2945,
0.5327

64.8670, 0.3207,
0.2818

■ 39.2253, 0.2947,
0.5583

■ 67.0604, 0.3155,
0.2693

■ 38.8381, 0.2959,
0.5781

■ 38.6595, 0.2970,
0.5892

Harmonies

Analogous

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



47.5972, 0.3411, 0.3931



47.5972, 0.3056, 0.3813



47.5972, 0.2733, 0.3527

Triad

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



47.5972, 0.3056, 0.3813



47.5972, 0.2570, 0.2732



47.5972, 0.3772, 0.3344

Complementary

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



47.5972, 0.3056, 0.3813



37.2481, 0.3207, 0.2818

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.



47.5972, 0.3521, 0.3060



47.5972, 0.3056, 0.3813



47.5972, 0.2821, 0.2717

Square

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



47.5972, 0.3056, 0.3813



47.5972, 0.2464, 0.2893



47.5972, 0.3168, 0.2836



47.5972, 0.3837, 0.3632

Rectangle

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



47.5972, 0.3056, 0.3813



47.5972, 0.2576, 0.3294



47.5972, 0.3168, 0.2836



47.5972, 0.3706, 0.3246

Sweetspot

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



47.5992, 0.3056, 0.3813



93.6566, 0.3105, 0.3443



51.5416, 0.3408, 0.3845



20.4361, 0.3103, 0.3457



0.0000, 0.0000, 0.0000



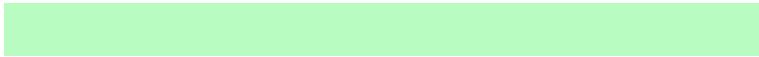
21.4041, 0.3127, 0.3290

Same Dimension

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



47.5992, 0.3056, 0.3813



84.0146, 0.3039, 0.3959



48.3884, 0.2908, 0.3507



11.2811, 0.3097, 0.3494



25.4269, 0.2966, 0.5877



1.1062, 0.2873, 0.5544

Inverse Universe

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



37.2481, 0.3207, 0.2818



61.6495, 0.3230, 0.2703



36.3989, 0.3412, 0.3084



10.2226, 0.3158, 0.3094



9.3844, 0.3591, 0.1752



0.4123, 0.3493, 0.1698

Previews

White Background



This preview shows how the Yxy color 47.5972, 0.3056, 0.3813 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 47.5972, 0.3056, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

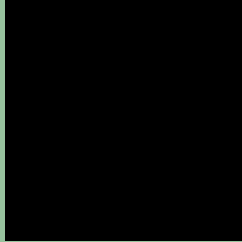
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5972, 0.3056, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 47.5972, 0.3056, 0.3813.



This preview shows how white text looks on a background with the Yxy color 47.5972, 0.3056, 0.3813.

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

47.5972, 0.3056, 0.3813

Protanopia

47.4388, 0.3476, 0.3705

Deuteranopia

47.1792, 0.3555, 0.3476



Tritanopia

47.6492, 0.2794, 0.3091

Trichromacy



Original Color

47.5972, 0.3056, 0.3813

Protanomaly

47.3055, 0.3317, 0.3747

Deuteranomaly

47.0964, 0.3356, 0.3591

Tritanomaly

47.4400, 0.2889, 0.3344

Monochromacy



Original Color

47.5972, 0.3056, 0.3813

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

45.0941, 0.3102, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5972, 0.3056, 0.3813 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(151, 194, 157)` looks like.

```
.text, #text, p{  
    color:rgb(151, 194, 157)  
}
```

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(151, 194, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 194, 157) }
```

Border

The CSS property to change the border of an element to Yxy 47.5972, 0.3056, 0.3813 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(151, 194, 157) }
```

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

```
.border{ border-color:rgb(151, 194, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 194, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 194, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 194, 157);  
box-shadow:4px 4px 4px 4px rgb(151, 194,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5972, 0.3056, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 194, 157) }
```

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

```
.background{ background-color: rgb(151,  
194, 157) }
```

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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