

Converting Colors

$Yxy(47.6307, 0.3061, 0.3982)$

Have a look what the booklet for
Yxy(47.6307, 0.3061, 0.3982)
contains.

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Color

Yxy(47.5473, 0.3064, 0.3982)

Conversions

Conversions Part 1

Format	Color
Hex	90C494
RGB	144, 196, 148
RGB Percent	56%, 77%, 58%
CMY	0.4353, 0.2313, 0.4195
CMYK	0.27, 0.00, 0.24, 0.23
HSL	125°, 31%, 67%
HSV	125°, 27%, 77%
XYZ	36.5859, 47.5473, 35.2724
YIQ	174.9800, -15.5840, -25.9520

Conversions

Conversions Part 2

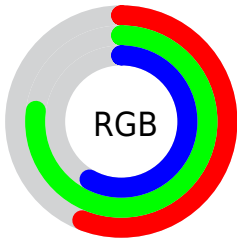
Format	Color
RYB	144, 192, 196
Decimal	9487508
CIELab	74.54, -26.54, 18.74
CIELCh	75, 32.488, 144.767
Yxy	47.5473, 0.3064, 0.3982
Android (android.graphics.Color)	4287677588 (0xFF90C494)
YUV	174.9800, -13.3011, -27.1695
Hunter-Lab	68.9546, -25.9620, 17.9395

Details

The Yxy color $47.5473, 0.3064, 0.3982$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $35.4837, 0.3196, 0.2684$, and the grayscale version is $42.9351, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.6569, 0.3082, 0.3852$, and $22.4844, 0.3035, 0.4201$ is the 20% darker color. If you saturate the color by 10%, you get $45.4064, 0.3040, 0.4295$, and if you desaturate by 10%, it is $50.0880, 0.3088, 0.3696$.

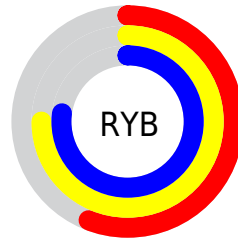
Distribution



Red (56%)

Green (77%)

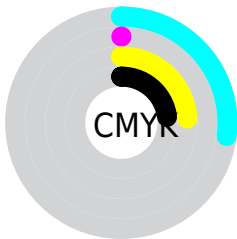
Blue (58%)



Red (56%)

Yellow (75%)

Blue (77%)

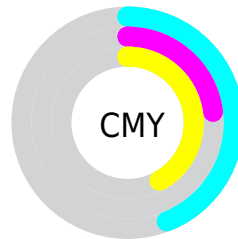


Cyan (27%)

Magenta (0%)

Yellow (24%)

Black (23%)



Cyan (44%)


Magenta (23%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5473, 0.3064, 0.3982 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 47.5473, 0.3064, 0.3982 by changing the saturation by 10% instead.


 47.5473, 0.3064,
0.3982

 47.5473, 0.3064,
0.3982


376.9949, 0.3103,
0.3623

 33.4685, 0.3052,
0.4076


 86.5300, 0.3080,
0.3848

 22.4856, 0.3034,
0.4199


 112.2027, 0.3085,
0.3799

 14.2142, 0.3008,
0.4366


142.5089, 0.3090,
0.3758

 8.2698, 0.2966,
0.4608

177.8328, 0.3093,
0.3723

 4.2680, 0.2890,
0.4983

218.5590, 0.3096,
0.3693

 1.8246, 0.2803,
0.5794

265.0718, 0.3099,

 0.5024, 0.0000,

0.3666

1.0000

317.7557, 0.3101,
0.3643

0.0000, 0.0000,
0.0000

47.5473, 0.3064,
0.3982

47.5473, 0.3064,
0.3982

45.4064, 0.3040,
0.4295

50.0880, 0.3088,
0.3696

43.6394, 0.3018,
0.4627

53.0412, 0.3112,
0.3440

42.2266, 0.2999,
0.4963

56.4261, 0.3135,
0.3216

41.1439, 0.2985,
0.5282

60.2593, 0.3156,
0.3021

40.3646, 0.2979,
0.5561

64.5561, 0.3175,
0.2853

■ 39.8573, 0.2979,
0.5778

■ 67.9626, 0.3154,
0.2712

■ 39.5822, 0.2986,
0.5920

■ 39.5176, 0.2987,
0.5953

Harmonies

Analogous

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



47.5473, 0.3509, 0.4106



47.5473, 0.3064, 0.3982



47.5473, 0.2655, 0.3622

Triad

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



47.5473, 0.3064, 0.3982



47.5473, 0.2416, 0.2601



47.5473, 0.3928, 0.3321

Complementary

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



47.5473, 0.3064, 0.3982



35.4837, 0.3196, 0.2684

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.



47.5473, 0.3593, 0.2977



47.5473, 0.3064, 0.3982



47.5473, 0.2713, 0.2575

Square

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



47.5473, 0.3064, 0.3982



47.5473, 0.2301, 0.2806



47.5473, 0.3140, 0.2712



47.5473, 0.4027, 0.3681

Rectangle

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



47.5473, 0.3064, 0.3982



47.5473, 0.2455, 0.3322



47.5473, 0.3140, 0.2712



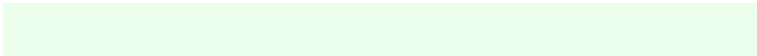
47.5473, 0.3839, 0.3201

Sweetspot

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



47.5493, 0.3064, 0.3982



95.1808, 0.3109, 0.3479



52.7726, 0.3494, 0.3952



20.1910, 0.3105, 0.3516



0.0000, 0.0000, 0.0000



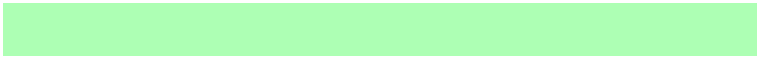
21.4041, 0.3127, 0.3290

Same Dimension

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



47.5493, 0.3064, 0.3982



83.7339, 0.3050, 0.4166



48.4458, 0.2890, 0.3606



11.2712, 0.3106, 0.3509



25.3952, 0.2984, 0.5942



1.1017, 0.2927, 0.5736

Inverse Universe

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



35.4837, 0.3196, 0.2684



58.1203, 0.3213, 0.2548



34.4516, 0.3449, 0.2996



10.2336, 0.3149, 0.3080



9.6853, 0.3412, 0.1653



0.4226, 0.3362, 0.1626

Previews

White Background



This preview shows how the Yxy color 47.5473, 0.3064, 0.3982 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 47.5473, 0.3064, 0.3982 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 47.5473, 0.3064, 0.3982

Background



This preview shows how black text looks on a background with the Yxy color 47.5473, 0.3064, 0.3982.



This preview shows how white text looks on a background with the Yxy color 47.5473, 0.3064, 0.3982.

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

47.5473, 0.3064, 0.3982

Protanopia

47.0110, 0.3573, 0.3808

Deuteranopia

47.1666, 0.3655, 0.3587



Tritanopia

47.6249, 0.2752, 0.3090

Trichromacy



Original Color

47.5473, 0.3064, 0.3982

Protanomaly

46.7844, 0.3371, 0.3874

Deuteranomaly

46.6661, 0.3422, 0.3713

Tritanomaly

47.6440, 0.2860, 0.3399

Monochromacy



Original Color

47.5473, 0.3064, 0.3982

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

44.4761, 0.3107, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5473, 0.3064, 0.3982 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(144, 196, 148)` looks like.

```
.text, #text, p{  
    color:rgb(144, 196, 148)  
}
```

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(144, 196, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 196, 148) }
```

Border

The CSS property to change the border of an element to Yxy 47.5473, 0.3064, 0.3982 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(144, 196, 148) }
```

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

```
.border{ border-color:rgb(144, 196, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 196, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 196, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 196, 148);  
box-shadow:4px 4px 4px 4px rgb(144, 196,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5473, 0.3064, 0.3982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 196, 148) }
```

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

```
.background{ background-color: rgb(144,  
196, 148) }
```

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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