

Converting Colors

$Yxy(47.3137, 0.3045, 0.3696)$

Have a look what the booklet for
Yxy(47.3137, 0.3045, 0.3696)
contains.

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Color

Yxy(47.3122, 0.3045, 0.3696)

Conversions

Conversions Part 1

Format	Color
Hex	9BC0A3
RGB	155, 192, 163
RGB Percent	61%, 75%, 64%
CMY	0.3921, 0.2470, 0.3609
CMYK	0.19, 0.00, 0.15, 0.25
HSL	133°, 23%, 68%
HSV	133°, 19%, 75%
XYZ	38.9788, 47.3122, 41.7182
YIQ	177.6310, -12.7430, -16.8630

Conversions

Conversions Part 2

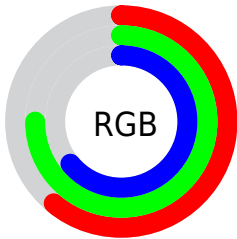
Format	Color
RYB	155, 185, 192
Decimal	10207395
CIELab	74.39, -18.13, 10.58
CIELCh	74, 20.992, 149.730
Yxy	47.3122, 0.3045, 0.3696
Android (android.graphics.Color)	4288397475 (0xFF9BC0A3)
YUV	177.6310, -7.2131, -19.8474
Hunter-Lab	68.7839, -19.2184, 12.1886

Details

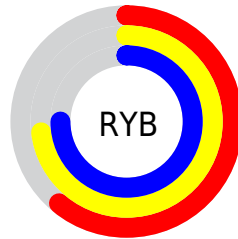
The Yxy color **47.3122, 0.3045, 0.3696** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.1174, 0.3222, 0.2915**, and the grayscale version is **44.3613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5150, 0.3062, 0.3623**, and **22.2082, 0.3018, 0.3818** is the 20% darker color. If you saturate the color by 10%, you get **45.0546, 0.3004, 0.3944**, and if you desaturate by 10%, it is **49.9402, 0.3088, 0.3473**.

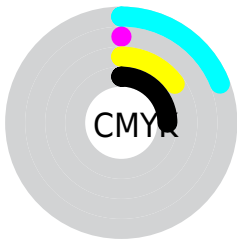
Distribution



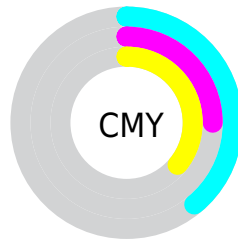
- Red (61%)
- Green (75%)
- Blue (64%)



- Red (61%)
- Yellow (73%)
- Blue (75%)



- Cyan (19%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)





- Cyan (39%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3122, 0.3045, 0.3696 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 47.3122, 0.3045, 0.3696 by changing the saturation by 10% instead.


 47.3122, 0.3045,
0.3696


 47.3122, 0.3045,
0.3696


376.0593, 0.3089,
0.3488

 33.2825, 0.3033,
0.3750


 86.1795, 0.3062,
0.3619

 22.3430, 0.3018,
0.3819


 111.7858, 0.3068,
0.3591

 14.1091, 0.2996,
0.3914


142.0199, 0.3073,
0.3567

 8.1966, 0.2964,
0.4050

177.2660, 0.3077,
0.3546

 4.2210, 0.2911,
0.4260

217.9086, 0.3080,
0.3529

 1.7979, 0.2813,
0.4627


264.3321, 0.3084,


 0.4859, 0.0381,


0.3513


0.9619


316.9209, 0.3086,
0.3500


 0.0000, 0.0000,
0.0000


 47.3122, 0.3045,
0.3696


 47.3122, 0.3045,
0.3696


 45.0546, 0.3004,
0.3944

 49.9402, 0.3088,
0.3473


 43.1450, 0.2966,
0.4215


 52.9480, 0.3130,
0.3276


 41.5675, 0.2934,
0.4503

 56.3522, 0.3172,
0.3104

 40.3027, 0.2910,
0.4798

 60.1666, 0.3211,
0.2953

 39.3294, 0.2898,
0.5088

 64.4043, 0.3248,
0.2823

■ 38.6233, 0.2899,
0.5356

■ 66.0762, 0.3168,
0.2688

■ 38.1562, 0.2913,
0.5585

■ 66.1803, 0.3156,
0.2673

■ 37.8799, 0.2937,
0.5765

■ 37.8628, 0.2938,
0.5777

Harmonies

Analogous

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



47.3122, 0.3337, 0.3808



47.3122, 0.3045, 0.3696



47.3122, 0.2784, 0.3458

Triad

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



47.3122, 0.3045, 0.3696



47.3122, 0.2683, 0.2824



47.3122, 0.3664, 0.3361

Complementary

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



47.3122, 0.3045, 0.3696



38.1174, 0.3222, 0.2915

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.



47.3122, 0.3473, 0.3122



47.3122, 0.3045, 0.3696



47.3122, 0.2901, 0.2820

Square

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



47.3122, 0.3045, 0.3696



47.3122, 0.2582, 0.2950



47.3122, 0.3190, 0.2928



47.3122, 0.3703, 0.3595

Rectangle

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



47.3122, 0.3045, 0.3696



47.3122, 0.2659, 0.3271



47.3122, 0.3190, 0.2928



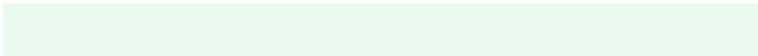
47.3122, 0.3615, 0.3279

Sweetspot

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



47.3142, 0.3045, 0.3696



92.1362, 0.3101, 0.3408



50.3327, 0.3350, 0.3773



19.6916, 0.3098, 0.3422



97.7402, 0.3127, 0.3290



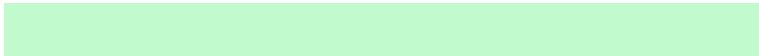
20.4902, 0.3127, 0.3290

Same Dimension

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



47.3142, 0.3045, 0.3696



83.9689, 0.3028, 0.3795



48.0029, 0.2918, 0.3441



11.2935, 0.3087, 0.3476



25.4865, 0.2933, 0.5758



1.1117, 0.2813, 0.5326

Inverse Universe

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



38.1174, 0.3222, 0.2915



64.3360, 0.3245, 0.2833



37.4124, 0.3391, 0.3144



10.2092, 0.3170, 0.3111



9.0487, 0.3834, 0.1886



0.4005, 0.3669, 0.1795

Previews

White Background



This preview shows how the Yxy color 47.3122, 0.3045, 0.3696 looks on a white background.

Color Contrast Check

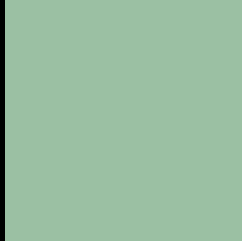
Large Text (above 18pt) WCAG AA × Fail

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 47.3122, 0.3045, 0.3696 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

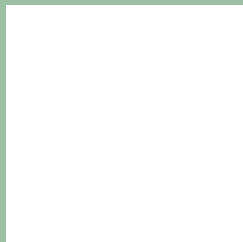
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.3122, 0.3045, 0.3696

Background



This preview shows how black text looks on a background with the Yxy color 47.3122, 0.3045, 0.3696.



This preview shows how white text looks on a background with the Yxy color 47.3122, 0.3045, 0.3696.

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

47.3122, 0.3045, 0.3696

Protanopia

47.0009, 0.3402, 0.3603

Deuteranopia

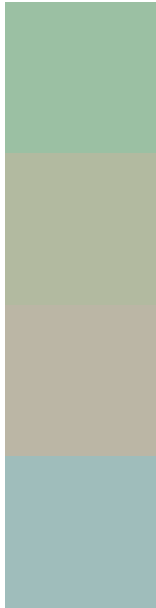
46.9257, 0.3483, 0.3415



Tritanopia

47.4391, 0.2828, 0.3105

Trichromacy



Original Color

47.3122, 0.3045, 0.3696

Protanomaly

47.1209, 0.3263, 0.3638

Deuteranomaly

46.7373, 0.3308, 0.3513

Tritanomaly

47.3540, 0.2904, 0.3316

Monochromacy



Original Color

47.3122, 0.3045, 0.3696

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.4302, 0.3096, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3122, 0.3045, 0.3696 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(155, 192, 163)` looks like.

```
.text, #text, p{  
    color:rgb(155, 192, 163)  
}
```

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(155, 192, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 192, 163) }
```

Border

The CSS property to change the border of an element to Yxy 47.3122, 0.3045, 0.3696 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(155, 192, 163) }
```

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

```
.border{ border-color:rgb(155, 192, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 192, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 192, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 192, 163); box-shadow:4px 4px 4px 4px rgb(155, 192, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3122, 0.3045, 0.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 192, 163) }
```

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

```
.background{ background-color: rgb(155,  
192, 163) }
```

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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