

Converting Colors

$Yxy(35.4009, 0.3076, 0.4118)$

Have a look what the booklet for
Yxy(35.4009, 0.3076, 0.4118)
contains.

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Color

Yxy(35.3821, 0.3072, 0.4116)

Conversions

Conversions Part 1

Format	Color
Hex	79AD7B
RGB	121, 173, 123
RGB Percent	47%, 68%, 48%
CMY	0.5253, 0.3216, 0.5177
CMYK	0.30, 0.00, 0.29, 0.32
HSL	122°, 24%, 58%
HSV	122°, 30%, 68%
XYZ	26.4076, 35.3821, 24.1726
YIQ	151.7520, -14.9420, -26.5740

Conversions

Conversions Part 2

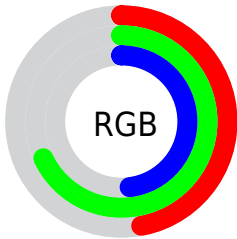
Format	Color
RYB	121, 171, 173
Decimal	7974267
CIELab	66.05, -27.38, 20.36
CIElCh	66, 34.117, 143.372
Yxy	35.3821, 0.3072, 0.4116
Android (android.graphics.Color)	4286164347 (0xFF79AD7B)
YUV	151.7520, -14.1747, -26.9695
Hunter-Lab	59.4829, -24.8493, 17.5438

Details

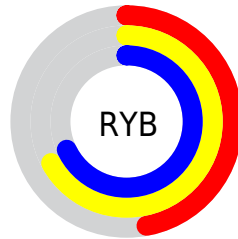
The Yxy color **35.3821, 0.3072, 0.4116** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.5111, 0.3182, 0.2583**, and the grayscale version is **31.3579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2872, 0.3090, 0.3941**, and **15.2294, 0.3031, 0.4405** is the 20% darker color. If you saturate the color by 10%, you get **33.8611, 0.3052, 0.4447**, and if you desaturate by 10%, it is **37.2012, 0.3091, 0.3810**.

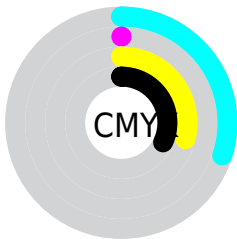
Distribution



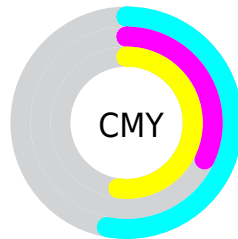
- Red (47%)
- Green (68%)
- Blue (48%)



- Red (47%)
- Yellow (67%)
- Blue (68%)



- Cyan (30%)
- Magenta (0%)
- Yellow (29%)
- Black (32%)





- Cyan (53%)
- Magenta (32%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3821, 0.3072, 0.4116 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 35.3821, 0.3072, 0.4116 by changing the saturation by 10% instead.


 35.3821, 0.3072,
0.4116


 35.3821, 0.3072,
0.4116


326.2517, 0.3111,
0.3665

 23.9574, 0.3057,
0.4243


 68.0773, 0.3090,
0.3942

 15.3020, 0.3034,
0.4414


 90.1165, 0.3095,
0.3880

 9.0316, 0.2997,
0.4659


 116.4627, 0.3100,
0.3828

 4.7618, 0.2927,
0.5034

147.5002, 0.3103,
0.3785

 2.1082, 0.2828,
0.5773

183.6135, 0.3106,
0.3748

 0.6692, 0.0000,
1.0000


225.1869, 0.3108,


 0.0000, 0.0000,


0.3717

0.0000


272.6048, 0.3110,
0.3689


 35.3821, 0.3072,
0.4116

 35.3821, 0.3072,
0.4116

 33.8611, 0.3052,
0.4447


 37.2012, 0.3091,
0.3810

 32.6182, 0.3034,
0.4791

 39.3282, 0.3110,
0.3534

 31.6377, 0.3017,
0.5129

 41.7783, 0.3127,
0.3291


 30.9010, 0.3004,
0.5437


 44.5640, 0.3143,
0.3079

 30.3865, 0.2997,
0.5691

 47.6974, 0.3157,
0.2896

 30.0694, 0.2994,
0.5871

 51.1899, 0.3170,
0.2738

 29.8999, 0.2993,
0.5974

 55.0523, 0.3181,
0.2603

 58.3657, 0.3165,
0.2488

Harmonies

Analogous

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



35.3821, 0.3583, 0.4238



35.3821, 0.3072, 0.4116



35.3821, 0.2599, 0.3700

Triad

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



35.3821, 0.3072, 0.4116



35.3821, 0.2302, 0.2504



35.3821, 0.4045, 0.3299

Complementary

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



35.3821, 0.3072, 0.4116



25.5111, 0.3182, 0.2583

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.



35.3821, 0.3643, 0.2913



35.3821, 0.3072, 0.4116



35.3821, 0.2628, 0.2470

Square

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



35.3821, 0.3072, 0.4116



35.3821, 0.2182, 0.2742



35.3821, 0.3113, 0.2619



35.3821, 0.4171, 0.3710

Rectangle

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



35.3821, 0.3072, 0.4116



35.3821, 0.2366, 0.3346



35.3821, 0.3113, 0.2619



35.3821, 0.3936, 0.3164

Sweetspot

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



35.3836, 0.3072, 0.4116



70.7987, 0.3111, 0.3511



39.9549, 0.3555, 0.4029



15.2601, 0.3109, 0.3548



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.3836, 0.3072, 0.4116



61.5168, 0.3059, 0.4332



36.1158, 0.2877, 0.3679



8.9440, 0.3111, 0.3515



21.9689, 0.2992, 0.5970



0.6127, 0.2955, 0.5838

Inverse Universe

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



25.5111, 0.3182, 0.2583



40.9820, 0.3196, 0.2431



24.6222, 0.3479, 0.2933



8.1428, 0.3143, 0.3075



8.5653, 0.3304, 0.1593



0.2398, 0.3273, 0.1576

Previews

White Background



This preview shows how the Yxy color 35.3821, 0.3072, 0.4116 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 35.3821, 0.3072, 0.4116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

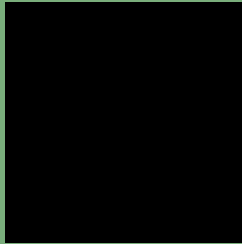
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3821, 0.3072, 0.4116

Background



This preview shows how black text looks on a background with the Yxy color 35.3821, 0.3072, 0.4116.



This preview shows how white text looks on a background with the Yxy color 35.3821, 0.3072, 0.4116.

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

35.3821, 0.3072, 0.4116

Protanopia

35.1966, 0.3648, 0.3916

Deuteranopia

35.0826, 0.3724, 0.3666



Tritanopia

35.3524, 0.2723, 0.3093

Trichromacy



Original Color

35.3821, 0.3072, 0.4116

Protanomaly

35.0145, 0.3417, 0.3998

Deuteranomaly

34.6775, 0.3457, 0.3816

Tritanomaly

35.3912, 0.2844, 0.3447

Monochromacy



Original Color

35.3821, 0.3072, 0.4116

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.7274, 0.3113, 0.3592

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3821, 0.3072, 0.4116 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(121, 173, 123)` looks like.

```
.text, #text, p{  
    color:rgb(121, 173, 123)  
}
```

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(121, 173, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 173, 123) }
```

Border

The CSS property to change the border of an element to Yxy 35.3821, 0.3072, 0.4116 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(121, 173, 123) }
```

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

```
.border{ border-color:rgb(121, 173, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 173, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 173, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 173, 123);  
box-shadow:4px 4px 4px 4px rgb(121, 173,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3821, 0.3072, 0.4116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 173, 123) }
```

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

```
.background{ background-color: rgb(121,  
173, 123) }
```

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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