

Converting Colors

$Yxy(36.0245, 0.3083, 0.4123)$

Have a look what the booklet for
Yxy(36.0245, 0.3083, 0.4123)
contains.

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Color

Yxy(35.9131, 0.3088, 0.4126)

Conversions

Conversions Part 1

Format	Color
Hex	7BAE7B
RGB	123, 174, 123
RGB Percent	48%, 68%, 48%
CMY	0.5177, 0.3176, 0.5177
CMYK	0.29, 0.00, 0.29, 0.32
HSL	120°, 24%, 58%
HSV	120°, 29%, 68%
XYZ	26.8782, 35.9131, 24.2496
YIQ	152.9370, -14.0250, -26.6730

Conversions

Conversions Part 2

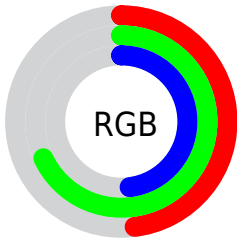
Format	Color
RYB	123, 174, 174
Decimal	8105595
CIELab	66.45, -27.21, 20.93
CIELCh	66, 34.332, 142.435
Yxy	35.9131, 0.3088, 0.4126
Android (android.graphics.Color)	4286295675 (0xFF7BAE7B)
YUV	152.9370, -14.7589, -26.2547
Hunter-Lab	59.9275, -24.8137, 17.9576

Details

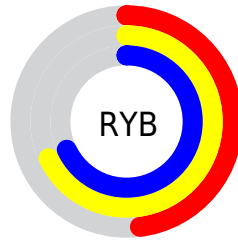
The Yxy color **35.9131, 0.3088, 0.4126** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.2176, 0.3161, 0.2575**, and the grayscale version is **31.8961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0753, 0.3103, 0.3950**, and **15.5469, 0.3052, 0.4416** is the 20% darker color. If you saturate the color by 10%, you get **34.3459, 0.3072, 0.4468**, and if you desaturate by 10%, it is **37.7889, 0.3103, 0.3809**.

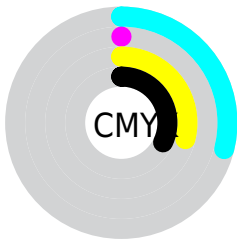
Distribution



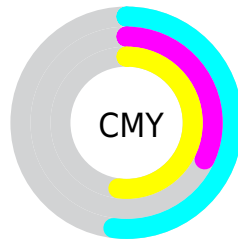
- Red (48%)
- Green (68%)
- Blue (48%)



- Red (48%)
- Yellow (68%)
- Blue (68%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9131, 0.3088, 0.4126 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 35.9131, 0.3088, 0.4126 by changing the saturation by 10% instead.


 35.9131, 0.3088,
0.4126


 35.9131, 0.3088,
0.4126


328.5806, 0.3119,
0.3670

 24.3671, 0.3075,
0.4253


 68.8979, 0.3103,
0.3951

 15.6062, 0.3055,
0.4425


 91.1055, 0.3107,
0.3888

 9.2459, 0.3021,
0.4670


 117.6358, 0.3111,
0.3836

 4.9019, 0.2957,
0.5043

148.8730, 0.3113,
0.3792

 2.1898, 0.2864,
0.5767

185.2018, 0.3115,
0.3755

 0.7144, 0.0202,
0.9798

227.0063, 0.3117,

 0.0000, 0.0000,

0.3723

0.0000

274.6711, 0.3118,
0.3695

■ 35.9131, 0.3088,
0.4126

■ 35.9131, 0.3088,
0.4126

■ 34.3459, 0.3072,
0.4468

■ 37.7889, 0.3103,
0.3809

■ 33.0664, 0.3055,
0.4822

■ 39.9836, 0.3116,
0.3525

■ 32.0585, 0.3039,
0.5168

■ 42.5128, 0.3128,
0.3274


■ 31.3027, 0.3025,
0.5479


■ 45.3896, 0.3138,
0.3056

■ 30.7767, 0.3013,
0.5730

■ 48.6265, 0.3147,
0.2869

 30.4544, 0.3005,
0.5899

 52.2353, 0.3154,
0.2708

 30.2847, 0.3000,
0.5994

 56.2274, 0.3161,
0.2570

 30.2744, 0.3000,
0.6000

 58.7543, 0.3164,
0.2498

Harmonies

Analogous

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



35.9131, 0.3599, 0.4238



35.9131, 0.3088, 0.4126



35.9131, 0.2611, 0.3716

Triad

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



35.9131, 0.3088, 0.4126



35.9131, 0.2294, 0.2508



35.9131, 0.4037, 0.3286

Complementary

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



35.9131, 0.3088, 0.4126



26.2176, 0.3161, 0.2575

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.



35.9131, 0.3628, 0.2901



35.9131, 0.3088, 0.4126



35.9131, 0.2615, 0.2468

Square

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



35.9131, 0.3088, 0.4126



35.9131, 0.2180, 0.2752



35.9131, 0.3096, 0.2611



35.9131, 0.4173, 0.3698

Rectangle

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



35.9131, 0.3088, 0.4126



35.9131, 0.2374, 0.3363



35.9131, 0.3096, 0.2611



35.9131, 0.3925, 0.3151

Sweetspot

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



35.9146, 0.3088, 0.4126



72.5900, 0.3116, 0.3520



40.3758, 0.3564, 0.3997



15.9987, 0.3115, 0.3559



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



35.9146, 0.3088, 0.4126



63.2857, 0.3078, 0.4339



36.6113, 0.2901, 0.3711



8.9394, 0.3116, 0.3524



21.9567, 0.3000, 0.6000



0.6108, 0.3000, 0.6000

Inverse Universe

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



26.2176, 0.3161, 0.2575



42.8930, 0.3168, 0.2425



25.3432, 0.3438, 0.2906



8.1480, 0.3138, 0.3067



8.7413, 0.3209, 0.1541



0.2432, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 35.9131, 0.3088, 0.4126 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 35.9131, 0.3088, 0.4126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

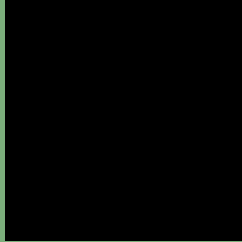
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9131, 0.3088, 0.4126

Background



This preview shows how black text looks on a background with the Yxy color 35.9131, 0.3088, 0.4126.



This preview shows how white text looks on a background with the Yxy color 35.9131, 0.3088, 0.4126.

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

35.9131, 0.3088, 0.4126

Protanopia

35.6583, 0.3655, 0.3927

Deuteranopia

35.6664, 0.3741, 0.3677



Tritanopia

35.9193, 0.2733, 0.3094

Trichromacy



Original Color

35.9131, 0.3088, 0.4126

Protanomaly

35.5729, 0.3434, 0.4007

Deuteranomaly

35.2395, 0.3474, 0.3827

Tritanomaly

35.9198, 0.2861, 0.3461

Monochromacy



Original Color

35.9131, 0.3088, 0.4126

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.1935, 0.3113, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9131, 0.3088, 0.4126 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(123, 174, 123)` looks like.

```
.text, #text, p{  
    color:rgb(123, 174, 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(123, 174, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 174, 123) }
```

Border

The CSS property to change the border of an element to Yxy 35.9131, 0.3088, 0.4126 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(123, 174, 123) }
```

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

```
.border{ border-color:rgb(123, 174, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 174, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 174, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 174, 123);  
box-shadow:4px 4px 4px 4px rgb(123, 174,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9131, 0.3088, 0.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 174, 123) }
```

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

```
.background{ background-color: rgb(123,  
174, 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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