

Converting Colors

$Yxy(35.8855, 0.3095, 0.4033)$

Have a look what the booklet for
Yxy(35.8855, 0.3095, 0.4033)
contains.

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Color

Yxy(35.9315, 0.3092, 0.4036)

Conversions

Conversions Part 1

Format	Color
Hex	7FAD7F
RGB	127, 173, 127
RGB Percent	50%, 68%, 50%
CMY	0.5020, 0.3216, 0.5019
CMYK	0.27, 0.00, 0.27, 0.32
HSL	120°, 22%, 59%
HSV	120°, 27%, 68%
XYZ	27.5273, 35.9315, 25.5687
YIQ	154.0020, -12.6500, -24.0580

Conversions

Conversions Part 2

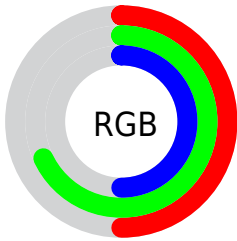
Format	Color
RYB	127, 173, 173
Decimal	8367487
CIELab	66.47, -24.65, 18.80
CIELCh	66, 31.001, 142.679
Yxy	35.9315, 0.3092, 0.4036
Android (android.graphics.Color)	4286557567 (0xFF7FAD7F)
YUV	154.0020, -13.3120, -23.6808
Hunter-Lab	59.9429, -22.9283, 16.6698

Details

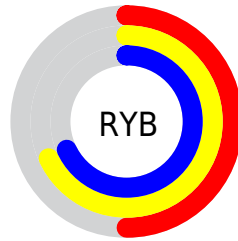
The Yxy color **35.9315, 0.3092, 0.4036** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.0795, 0.3158, 0.2642**, and the grayscale version is **32.3805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1577, 0.3106, 0.3883**, and **15.5195, 0.3058, 0.4286** is the 20% darker color. If you saturate the color by 10%, you get **34.3038, 0.3076, 0.4372**, and if you desaturate by 10%, it is **37.8677, 0.3107, 0.3728**.

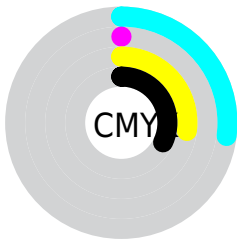
Distribution



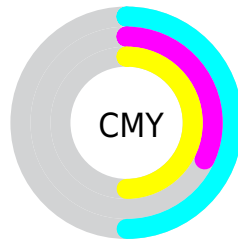
- Red (50%)
- Green (68%)
- Blue (50%)



- Red (50%)
- Yellow (68%)
- Blue (68%)



- Cyan (27%)
- Magenta (0%)
- Yellow (27%)
- Black (32%)





- Cyan (50%)
- Magenta (32%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9315, 0.3092, 0.4036 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 35.9315, 0.3092, 0.4036 by changing the saturation by 10% instead.


 35.9315, 0.3092,
0.4036


 35.9315, 0.3092,
0.4036


328.6610, 0.3119,
0.3631

 24.3813, 0.3081,
0.4149


 68.9263, 0.3104,
0.3880

 15.6167, 0.3065,
0.4301


 91.1397, 0.3108,
0.3825

 9.2533, 0.3037,
0.4517


 117.6763, 0.3111,
0.3778

 4.9068, 0.2985,
0.4847

148.9205, 0.3114,
0.3740

 2.1927, 0.2892,
0.5442

185.2567, 0.3115,
0.3706

 0.7160, 0.0990,
0.9010


227.0692, 0.3117,


 0.0000, 0.0000,


0.3678

0.0000


274.7426, 0.3118,
0.3653

 35.9315, 0.3092,
0.4036


 35.9315, 0.3092,
0.4036


 34.3038, 0.3076,
0.4372


 37.8677, 0.3107,
0.3728


 32.9645, 0.3060,
0.4724


 40.1224, 0.3119,
0.3453


 31.8980, 0.3043,
0.5075


 42.7106, 0.3131,
0.3212


 31.0857, 0.3028,
0.5398


 45.6451, 0.3141,
0.3002


 30.5065, 0.3015,
0.5667


 48.9381, 0.3149,
0.2823

 30.1357, 0.3006,
0.5861

 52.6010, 0.3157,
0.2668

 29.9395, 0.3001,
0.5970

 56.6449, 0.3163,
0.2536

 29.8885, 0.3000,
0.6000

 58.3684, 0.3165,
0.2488

Harmonies

Analogous

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



35.9315, 0.3555, 0.4145



35.9315, 0.3092, 0.4036



35.9315, 0.2659, 0.3670

Triad

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



35.9315, 0.3092, 0.4036



35.9315, 0.2370, 0.2579



35.9315, 0.3949, 0.3294

Complementary

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



35.9315, 0.3092, 0.4036



27.0795, 0.3158, 0.2642

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.



35.9315, 0.3584, 0.2940



35.9315, 0.3092, 0.4036



35.9315, 0.2666, 0.2540

Square

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



35.9315, 0.3092, 0.4036



35.9315, 0.2264, 0.2804



35.9315, 0.3106, 0.2672



35.9315, 0.4072, 0.3671

Rectangle

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



35.9315, 0.3092, 0.4036



35.9315, 0.2442, 0.3355



35.9315, 0.3106, 0.2672



35.9315, 0.3850, 0.3170

Sweetspot

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



35.9330, 0.3092, 0.4036



71.1910, 0.3118, 0.3493



40.3052, 0.3521, 0.3941



15.3374, 0.3116, 0.3532



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.



35.9330, 0.3092, 0.4036



62.5467, 0.3083, 0.4234



36.6023, 0.2915, 0.3654



8.9394, 0.3116, 0.3524



21.9567, 0.3000, 0.6000



0.6108, 0.2999, 0.5998

Inverse Universe

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



27.0795, 0.3158, 0.2642



43.9624, 0.3165, 0.2498



26.2650, 0.3411, 0.2954



8.1480, 0.3138, 0.3067



8.7413, 0.3210, 0.1542



0.2432, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 35.9315, 0.3092, 0.4036 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 35.9315, 0.3092, 0.4036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

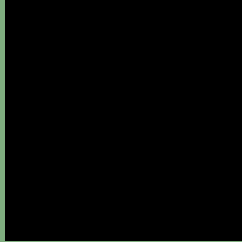
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9315, 0.3092, 0.4036

Background



This preview shows how black text looks on a background with the Yxy color 35.9315, 0.3092, 0.4036.



This preview shows how white text looks on a background with the Yxy color 35.9315, 0.3092, 0.4036.

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

35.9315, 0.3092, 0.4036

Protanopia

35.6409, 0.3607, 0.3871

Deuteranopia

35.6462, 0.3690, 0.3623



Tritanopia

35.7613, 0.2763, 0.3095

Trichromacy



Original Color

35.9315, 0.3092, 0.4036

Protanomaly

35.4082, 0.3412, 0.3930

Deuteranomaly

35.4517, 0.3448, 0.3765

Tritanomaly

35.9005, 0.2885, 0.3429

Monochromacy



Original Color

35.9315, 0.3092, 0.4036

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.4326, 0.3115, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9315, 0.3092, 0.4036 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(127, 173, 127)` looks like.

```
.text, #text, p{  
    color:rgb(127, 173, 127)  
}
```

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(127, 173, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 173, 127) }
```

Border

The CSS property to change the border of an element to Yxy 35.9315, 0.3092, 0.4036 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(127, 173, 127) }
```

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

```
.border{ border-color:rgb(127, 173, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 173, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 173, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 173, 127);  
box-shadow:4px 4px 4px 4px rgb(127, 173,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9315, 0.3092, 0.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 173, 127) }
```

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

```
.background{ background-color: rgb(127,  
173, 127) }
```

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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