

Converting Colors

$Yxy(32.4807, 0.3075, 0.4394)$

Have a look what the booklet for
Yxy(32.4807, 0.3075, 0.4394)
contains.

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Color

Yxy(32.4807, 0.3075, 0.4394)

Conversions

Conversions Part 1

Format	Color
Hex	6AA96A
RGB	106, 169, 106
RGB Percent	42%, 66%, 42%
CMY	0.5844, 0.3372, 0.5843
CMYK	0.37, 0.00, 0.37, 0.34
HSL	120°, 27%, 54%
HSV	120°, 37%, 66%
XYZ	22.7306, 32.4807, 18.7093
YIQ	142.9810, -17.3250, -32.9490

Conversions

Conversions Part 2

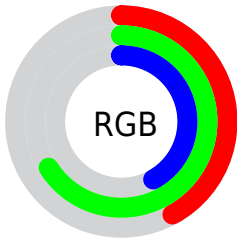
Format	Color
RYB	106, 169, 169
Decimal	6990186
CIELab	63.74, -33.34, 26.29
CIELCh	64, 42.461, 141.745
Yxy	32.4807, 0.3075, 0.4394
Android (android.graphics.Color)	4285180266 (0xFF6AA96A)
YUV	142.9810, -18.2316, -32.4323
Hunter-Lab	56.9918, -28.5429, 20.4306

Details

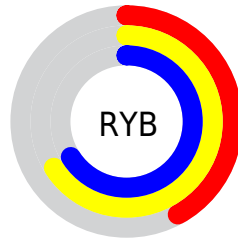
The Yxy color **32.4807, 0.3075, 0.4394** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.6002, 0.3170, 0.2388**, and the grayscale version is **27.5374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7926, 0.3100, 0.4155**, and **13.5805, 0.3016, 0.4801** is the 20% darker color. If you saturate the color by 10%, you get **31.2295, 0.3058, 0.4746**, and if you desaturate by 10%, it is **34.0078, 0.3091, 0.4057**.

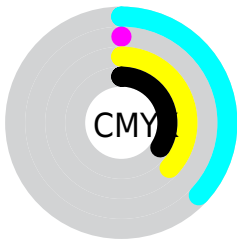
Distribution



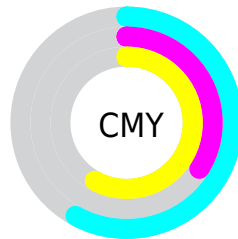
- Red (42%)
- Green (66%)
- Blue (42%)



- Red (42%)
- Yellow (66%)
- Blue (66%)



- Cyan (37%)
- Magenta (0%)
- Yellow (37%)
- Black (34%)





- Cyan (58%)
- Magenta (34%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4807, 0.3075, 0.4394 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 32.4807, 0.3075, 0.4394 by changing the saturation by 10% instead.


 32.4807, 0.3075,
0.4394

 32.4807, 0.3075,
0.4394


313.3032, 0.3121,
0.3777

 21.7289, 0.3054,
0.4572


 63.5639, 0.3098,
0.4153


 13.6579, 0.3019,
0.4815


 84.6642, 0.3105,
0.4068

 7.8831, 0.2957,
0.5167


 109.9827, 0.3110,
0.3998

 4.0202, 0.2835,
0.5710

 139.9039, 0.3113,
0.3939

 1.6849, 0.2727,
0.7273

174.8121, 0.3116,
0.3889

 0.4138, 0.0000,
1.0000

215.0918, 0.3118,

 0.0000, 0.0000,

0.3847

0.0000

261.1274, 0.3120,
0.3810

■ 32.4807, 0.3075,
0.4394

■ 32.4807, 0.3075,
0.4394

■ 31.2295, 0.3058,
0.4746

■ 34.0078, 0.3091,
0.4057

■ 30.2341, 0.3042,
0.5095

■ 35.8216, 0.3105,
0.3748

■ 29.4780, 0.3027,
0.5415


■ 37.9373, 0.3119,
0.3471


■ 28.9411, 0.3015,
0.5680


■ 40.3675, 0.3130,
0.3228

■ 28.6000, 0.3006,
0.5868


■ 43.1246, 0.3140,
0.3017

 28.4189, 0.3001,
0.5976

 46.2199, 0.3149,
0.2835

 28.3795, 0.3000,
0.6000

 49.6644, 0.3156,
0.2679

 53.4685, 0.3163,
0.2546

 56.8592, 0.3167,
0.2450

Harmonies

Analogous

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



32.4807, 0.3719, 0.4503



32.4807, 0.3075, 0.4394



32.4807, 0.2479, 0.3856

Triad

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



32.4807, 0.3075, 0.4394



32.4807, 0.2083, 0.2313



32.4807, 0.4285, 0.3254

Complementary

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



32.4807, 0.3075, 0.4394



21.6002, 0.3170, 0.2388

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.



32.4807, 0.3749, 0.2790



32.4807, 0.3075, 0.4394



32.4807, 0.2466, 0.2269

Square

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



32.4807, 0.3075, 0.4394



32.4807, 0.1951, 0.2606



32.4807, 0.3064, 0.2442



32.4807, 0.4459, 0.3761

Rectangle

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



32.4807, 0.3075, 0.4394



32.4807, 0.2186, 0.3386



32.4807, 0.3064, 0.2442



32.4807, 0.4139, 0.3091

Sweetspot

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



32.4821, 0.3075, 0.4394



66.3943, 0.3114, 0.3575



37.8551, 0.3676, 0.4197



14.3642, 0.3112, 0.3610



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



32.4821, 0.3075, 0.4394



56.2297, 0.3061, 0.4693



33.2614, 0.2840, 0.3827



8.4078, 0.3116, 0.3523



21.1487, 0.3000, 0.5999



0.5146, 0.2999, 0.5997

Inverse Universe

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



21.6002, 0.3170, 0.2388



33.8146, 0.3179, 0.2198



20.5571, 0.3567, 0.2813



7.6665, 0.3138, 0.3068



8.4182, 0.3211, 0.1542



0.2048, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 32.4807, 0.3075, 0.4394 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 32.4807, 0.3075, 0.4394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

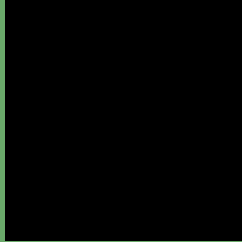
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4807, 0.3075, 0.4394

Background



This preview shows how black text looks on a background with the Yxy color 32.4807, 0.3075, 0.4394.



This preview shows how white text looks on a background with the Yxy color 32.4807, 0.3075, 0.4394.

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

32.4807, 0.3075, 0.4394

Protanopia

32.2468, 0.3783, 0.4095

Deuteranopia

31.9602, 0.3878, 0.3803



Tritanopia

32.4677, 0.2658, 0.3083

Trichromacy



Original Color

32.4807, 0.3075, 0.4394

Protanomaly

31.7753, 0.3504, 0.4205

Deuteranomaly

31.4168, 0.3552, 0.4013

Tritanomaly

32.2983, 0.2810, 0.3539

Monochromacy



Original Color

32.4807, 0.3075, 0.4394

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.8140, 0.3110, 0.3663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4807, 0.3075, 0.4394 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(106, 169, 106)` looks like.

```
.text, #text, p{  
    color:rgb(106, 169, 106)  
}
```

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(106, 169, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 169, 106) }
```

Border

The CSS property to change the border of an element to Yxy 32.4807, 0.3075, 0.4394 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(106, 169, 106) }
```

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

```
.border{ border-color:rgb(106, 169, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 169, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 169, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 169, 106);  
box-shadow:4px 4px 4px 4px rgb(106, 169,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4807, 0.3075, 0.4394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 169, 106) }
```

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

```
.background{ background-color: rgb(106,  
169, 106) }
```

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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