

Converting Colors

$Yxy(34.9031, 0.3224, 0.3803)$

Have a look what the booklet for
Yxy(34.9031, 0.3224, 0.3803)
contains.

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Color

Yxy(35.0769, 0.3224, 0.3805)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 92A685 |
| RGB | 146, 166, 133 |
| RGB Percent | 57%, 65%, 52% |
| CMY | 0.4275, 0.3490, 0.4785 |
| CMYK | 0.12, 0.00, 0.20, 0.35 |
| HSL | 96°, 16%, 59% |
| HSV | 96°, 20%, 65% |
| XYZ | 29.7209, 35.0769, 27.3886 |
| YIQ | 156.2580, -1.3270, -14.5030 |

Conversions

Conversions Part 2

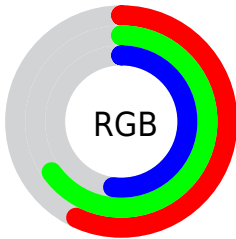
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 133, 166, 153 |
| Decimal | 9610885 |
| CIE Lab | 65.81, -13.25, 14.80 |
| CIE LCh | 66, 19.863, 131.839 |
| Yxy | 35.0769, 0.3224, 0.3805 |
| Android (android.graphics.Color) | 4287800965 (0xFF92A685) |
| YUV | 156.2580, -11.4662, -8.9963 |
| Hunter-Lab | 59.2258, -14.0696, 14.0398 |

Details

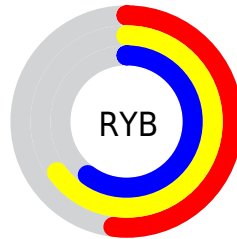
The Yxy color **35.0769, 0.3224, 0.3805** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.2979, 0.3010, 0.2787**, and the grayscale version is **33.4187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5374, 0.3208, 0.3701**, and **15.0921, 0.3250, 0.3989** is the 20% darker color. If you saturate the color by 10%, you get **33.7731, 0.3268, 0.4095**, and if you desaturate by 10%, it is **36.5375, 0.3176, 0.3535**.

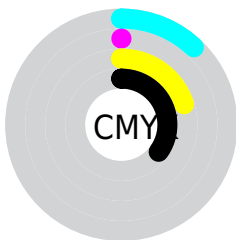
Distribution



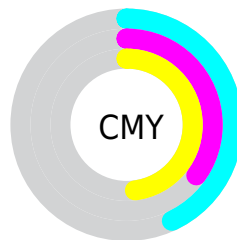
- Red (57%)
- Green (65%)
- Blue (52%)



- Red (52%)
- Yellow (65%)
- Blue (60%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (35%)





- Cyan (43%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0769, 0.3224, 0.3805 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 35.0769, 0.3224, 0.3805 by changing the saturation by 10% instead.


 35.0769, 0.3224,
0.3805


 35.0769, 0.3224,
0.3805


324.9076, 0.3177,
0.3529

 23.7221, 0.3235,
0.3881


 67.6049, 0.3207,
0.3700

 15.1276, 0.3248,
0.3983


 89.5469, 0.3201,
0.3662

 8.9090, 0.3264,
0.4126


 115.7867, 0.3196,
0.3630

 4.6819, 0.3283,
0.4343

146.7088, 0.3191,
0.3603

 2.0618, 0.3300,
0.4710

182.6976, 0.3187,
0.3581

 0.6430, 0.3091,
0.6909

224.1374, 0.3183,

 0.0000, 0.0000,

0.3561

0.0000

271.4126, 0.3180,
0.3544

■ 35.0769, 0.3224,
0.3805

■ 35.0769, 0.3224,
0.3805

■ 33.7731, 0.3268,
0.4095

■ 36.5375, 0.3176,
0.3535

■ 32.6161, 0.3306,
0.4400

■ 38.1555, 0.3127,
0.3287

■ 31.6015, 0.3334,
0.4708


■ 39.9374, 0.3078,
0.3064

■ 30.7230, 0.3349,
0.5007

■ 41.8879, 0.3030,
0.2865

■ 29.9739, 0.3347,
0.5280


■ 44.0114, 0.2985,
0.2687

 29.3466, 0.3327,
0.5510


 46.3124, 0.2942,
0.2530


 28.8325, 0.3289,
0.5685

 48.7948, 0.2902,
0.2391

 28.4155, 0.3240,
0.5809

 50.7481, 0.2940,
0.2360

 28.4114, 0.3239,
0.5810

 52.4285, 0.3020,
0.2382

Harmonies

Analogous

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



35.0769, 0.3509, 0.3823



35.0769, 0.3224, 0.3805



35.0769, 0.2922, 0.3626

Triad

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



35.0769, 0.3224, 0.3805



35.0769, 0.2584, 0.2867



35.0769, 0.3586, 0.3212

Complementary

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



35.0769, 0.3224, 0.3805



26.2979, 0.3010, 0.2787

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.



35.0769, 0.3318, 0.2985



35.0769, 0.3224, 0.3805



35.0769, 0.2742, 0.2787

Square

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



35.0769, 0.3224, 0.3805



35.0769, 0.2563, 0.3066



35.0769, 0.3007, 0.2833



35.0769, 0.3727, 0.3466

Rectangle

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



35.0769, 0.3224, 0.3805



35.0769, 0.2752, 0.3445



35.0769, 0.3007, 0.2833



35.0769, 0.3507, 0.3131

Sweetspot

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



35.0784, 0.3224, 0.3805



67.3798, 0.3157, 0.3438



32.5180, 0.3455, 0.3587



15.0383, 0.3160, 0.3454



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.



35.0784, 0.3224, 0.3805



62.5437, 0.3245, 0.3935



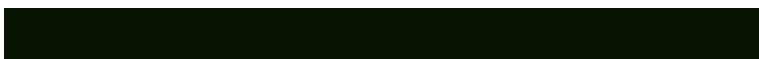
34.0469, 0.3075, 0.3769



8.5464, 0.3173, 0.3519



22.0545, 0.3246, 0.5805



0.5664, 0.3526, 0.5582

Inverse Universe

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



26.2979, 0.3010, 0.2787



43.5822, 0.2978, 0.2663



27.5129, 0.3184, 0.2854



7.5171, 0.3077, 0.3063



4.2928, 0.2261, 0.1019



0.1328, 0.2581, 0.1196

Previews

White Background



This preview shows how the Yxy color 35.0769, 0.3224, 0.3805 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 35.0769, 0.3224, 0.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

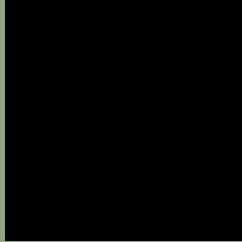
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0769, 0.3224, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 35.0769, 0.3224, 0.3805.



This preview shows how white text looks on a background with the Yxy color 35.0769, 0.3224, 0.3805.

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

35.0769, 0.3224, 0.3805

Protanopia

34.8430, 0.3498, 0.3717

Deuteranopia

35.0791, 0.3612, 0.3542



Tritanopia

35.1823, 0.2941, 0.3114

Trichromacy



Original Color

35.0769, 0.3224, 0.3805

Protanomaly

35.0564, 0.3398, 0.3756

Deuteranomaly

34.7490, 0.3463, 0.3627

Tritanomaly

35.1470, 0.3049, 0.3365

Monochromacy



Original Color

35.0769, 0.3224, 0.3805

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.9551, 0.3157, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0769, 0.3224, 0.3805 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(146, 166, 133)` looks like.

```
.text, #text, p{  
    color:rgb(146, 166, 133)  
}
```

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(146, 166, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 166, 133) }
```

Border

The CSS property to change the border of an element to Yxy 35.0769, 0.3224, 0.3805 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(146, 166, 133) }
```

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

```
.border{ border-color:rgb(146, 166, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 166, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 166, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 166, 133); box-shadow:4px 4px 4px 4px rgb(146, 166, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0769, 0.3224, 0.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 166, 133) }
```

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

```
.background{ background-color: rgb(146,  
166, 133) }
```

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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