

Converting Colors

$Yxy(32.0635, 0.3489, 0.4050)$

Have a look what the booklet for
Yxy(32.0635, 0.3489, 0.4050)
contains.

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Color

Yxy(32.0635, 0.3489, 0.4050)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 969E6E |
| RGB | 150, 158, 110 |
| RGB Percent | 59%, 62%, 43% |
| CMY | 0.4117, 0.3804, 0.5686 |
| CMYK | 0.05, 0.00, 0.30, 0.38 |
| HSL | 70°, 20%, 53% |
| HSV | 70°, 30%, 62% |
| XYZ | 27.6221, 32.0635, 19.4835 |
| YIQ | 150.1360, 10.6400, -16.6240 |

Conversions

Conversions Part 2

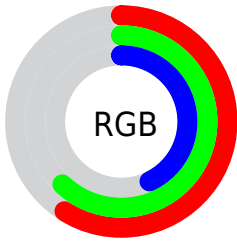
| Format | Color |
|-------------------------------------|---|
| RYB | 110, 158, 118 |
| Decimal | 9870958 |
| CIELab | 63.40, -11.03, 24.19 |
| CIELCh | 63, 26.584, 114.519 |
| Yxy | 32.0635, 0.3489, 0.4050 |
| Android (android.graphics.Color) | 4288061038 (0xFF969E6E) |
| YUV | 150.1360, -19.7870, -0.1193 |
| Hunter-Lab | 56.6246, -12.0189, 19.2366 |

Details

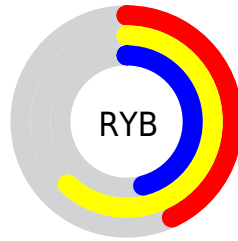
The Yxy color **32.0635, 0.3489, 0.4050** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.4691, 0.2691, 0.2447**, and the grayscale version is **30.6442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1763, 0.3423, 0.3897**, and **13.4599, 0.3579, 0.4315** is the 20% darker color. If you saturate the color by 10%, you get **31.5047, 0.3601, 0.4304**, and if you desaturate by 10%, it is **32.6921, 0.3370, 0.3793**.

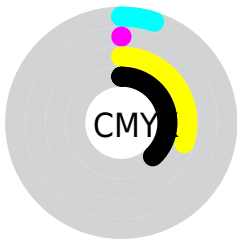
Distribution



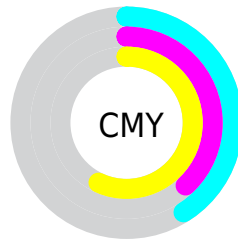
- Red (59%)
- Green (62%)
- Blue (43%)



- Red (43%)
- Yellow (62%)
- Blue (46%)



- Cyan (5%)
- Magenta (0%)
- Yellow (30%)
- Black (38%)





- Cyan (41%)
- Magenta (38%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0635, 0.3489, 0.4050 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 32.0635, 0.3489, 0.4050 by changing the saturation by 10% instead.


 32.0635, 0.3489,
0.4050


 32.0635, 0.3489,
0.4050

311.4084, 0.3304,
0.3639

 21.4100, 0.3535,
0.4163


 62.9106, 0.3422,
0.3893


 13.4240, 0.3593,
0.4314


 83.8730, 0.3396,
0.3836

 7.7212, 0.3666,
0.4525


 109.0406, 0.3375,
0.3789

 3.9171, 0.3758,
0.4836

 138.7976, 0.3357,
0.3750

 1.6273, 0.4197,
0.5803

173.5285, 0.3341,
0.3716

 0.3759, 0.1896,
0.8104

213.6176, 0.3327,

 0.0000, 0.0000,

0.3687

0.0000

259.4495, 0.3315,
0.3661

■ 32.0635, 0.3489,
0.4050

■ 32.0635, 0.3489,
0.4050

■ 31.5047, 0.3601,
0.4304

■ 32.6921, 0.3370,
0.3793

■ 31.0080, 0.3703,
0.4547

■ 33.3894, 0.3250,
0.3541

■ 30.5715, 0.3788,
0.4767


■ 34.1594, 0.3132,
0.3299


■ 30.1909, 0.3853,
0.4956


■ 35.0050, 0.3017,
0.3071


■ 29.8619, 0.3893,
0.5105


■ 35.9287, 0.2909,
0.2860


 29.5792, 0.3909,
0.5210

 36.9329, 0.2808,
0.2666

 29.3386, 0.3906,
0.5280

 38.0200, 0.2714,
0.2489

 39.1920, 0.2628,
0.2329

 40.4512, 0.2548,
0.2184

Harmonies

Analogous

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



32.0635, 0.3821, 0.3932



32.0635, 0.3489, 0.4050



32.0635, 0.3074, 0.3934

Triad

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



32.0635, 0.3489, 0.4050



32.0635, 0.2352, 0.2842



32.0635, 0.3559, 0.2995

Complementary

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



32.0635, 0.3489, 0.4050



17.4691, 0.2691, 0.2447

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.



32.0635, 0.3136, 0.2745



32.0635, 0.3489, 0.4050



32.0635, 0.2459, 0.2646

Square

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



32.0635, 0.3489, 0.4050



32.0635, 0.2432, 0.3188



32.0635, 0.2737, 0.2618



32.0635, 0.3872, 0.3319

Rectangle

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



32.0635, 0.3489, 0.4050



32.0635, 0.2807, 0.3730



32.0635, 0.2737, 0.2618



32.0635, 0.3424, 0.2901

Sweetspot

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



32.0649, 0.3489, 0.4050



60.7986, 0.3236, 0.3511



21.1631, 0.3754, 0.3410



13.6652, 0.3252, 0.3545



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



32.0649, 0.3489, 0.4050



57.5748, 0.3561, 0.4212



30.0750, 0.3249, 0.4112



7.6646, 0.3237, 0.3513



23.5126, 0.3909, 0.5278



0.4339, 0.4031, 0.5182

Inverse Universe

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



17.4691, 0.2691, 0.2447



27.0159, 0.2581, 0.2244



19.2997, 0.2959, 0.2509



6.4856, 0.3012, 0.3061



2.1679, 0.1585, 0.0647



0.0518, 0.1881, 0.0810

Previews

White Background



This preview shows how the Yxy color 32.0635, 0.3489, 0.4050 looks on a white background.

Color Contrast Check

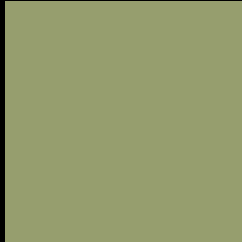
Large Text (above 18pt) WCAG AA × Fail

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 32.0635, 0.3489, 0.4050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

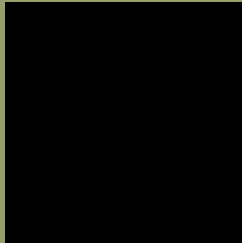
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0635, 0.3489, 0.4050

Background



This preview shows how black text looks on a background with the Yxy color 32.0635, 0.3489, 0.4050.



This preview shows how white text looks on a background with the Yxy color 32.0635, 0.3489, 0.4050.

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

32.0635, 0.3489, 0.4050

Protanopia

31.8645, 0.3690, 0.3970

Deuteranopia

31.8610, 0.3857, 0.3791



Tritanopia

31.9457, 0.3076, 0.3111

Trichromacy



Original Color

32.0635, 0.3489, 0.4050

Protanomaly

32.0204, 0.3617, 0.3997

Deuteranomaly

31.8270, 0.3725, 0.3885

Tritanomaly

31.9948, 0.3220, 0.3444

Monochromacy



Original Color

32.0635, 0.3489, 0.4050

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.0158, 0.3266, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0635, 0.3489, 0.4050 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(150, 158, 110)` looks like.

```
.text, #text, p{  
    color:rgb(150, 158, 110)  
}
```

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(150, 158, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 158, 110) }
```

Border

The CSS property to change the border of an element to Yxy 32.0635, 0.3489, 0.4050 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(150, 158, 110) }
```

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

```
.border{ border-color:rgb(150, 158, 110) }
```

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

Here you see how a box with a 4 pixel rgb(150, 158, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 158, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 158, 110);  
box-shadow:4px 4px 4px 4px rgb(150, 158,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0635, 0.3489, 0.4050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 158, 110) }
```

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

```
.background{ background-color: rgb(150,  
158, 110) }
```

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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