

Converting Colors

$Yxy(30.4526, 0.3624, 0.4111)$

Have a look what the booklet for
Yxy(30.4526, 0.3624, 0.4111)
contains.

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Color

Yxy(30.4944, 0.3625, 0.4112)

Conversions

Conversions Part 1

Format	Color
Hex	999965
RGB	153, 153, 101
RGB Percent	60%, 60%, 40%
CMY	0.3998, 0.4000, 0.6039
CMYK	0.00, 0.00, 0.34, 0.40
HSL	60°, 20%, 50%
HSV	60°, 34%, 60%
XYZ	26.8828, 30.4944, 16.7823
YIQ	147.0720, 16.6920, -16.1720

Conversions

Conversions Part 2

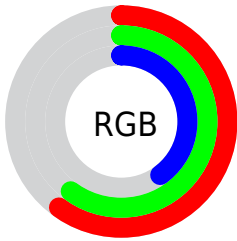
Format	Color
RYB	101, 153, 101
Decimal	10066277
CIELab	62.08, -8.34, 27.39
CIElCh	62, 28.626, 106.933
Yxy	30.4944, 0.3625, 0.4112
Android (android.graphics.Color)	4288256357 (0xFF999965)
YUV	147.0720, -22.7135, 5.1989
Hunter-Lab	55.2217, -9.7414, 20.6365

Details

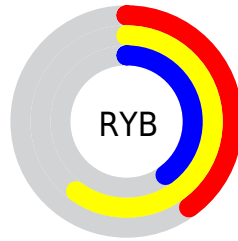
The Yxy color **30.4944, 0.3625, 0.4112** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.3862, 0.2534, 0.2310**, and the grayscale version is **29.3025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3025, 0.3534, 0.3947**, and **12.5265, 0.3775, 0.4394** is the 20% darker color. If you saturate the color by 10%, you get **30.2186, 0.3764, 0.4341**, and if you desaturate by 10%, it is **30.8288, 0.3479, 0.3871**.

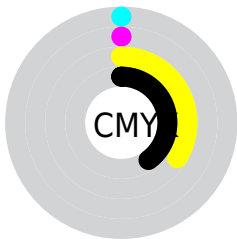
Distribution



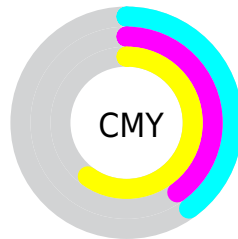
- Red (60%)
- Green (60%)
- Blue (40%)



- Red (40%)
- Yellow (60%)
- Blue (40%)



- Cyan (0%)
- Magenta (0%)
- Yellow (34%)
- Black (40%)




- Cyan (40%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4944, 0.3625, 0.4112 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 30.4944, 0.3625, 0.4112 by changing the saturation by 10% instead.


 30.4944, 0.3625,
0.4112


 30.4944, 0.3625,
0.4112


304.2022, 0.3367,
0.3668

 20.2142, 0.3690,
0.4233


 60.4432, 0.3530,
0.3943


 12.5508, 0.3772,
0.4393

 80.8805, 0.3495,
0.3882

 7.1200, 0.3877,
0.4614


 105.4723, 0.3465,
0.3831

 3.5372, 0.4016,
0.4941

 134.6029, 0.3440,
0.3788

 1.4182, 0.4342,
0.5658

168.6569, 0.3418,
0.3751

 0.2301, 0.0619,
0.9381

208.0185, 0.3399,

 0.0000, 0.0000,

0.3720

0.0000

253.0721, 0.3382,
0.3692

■ 30.4944, 0.3625,
0.4112

■ 30.4944, 0.3625,
0.4112

■ 30.2186, 0.3764,
0.4341

■ 30.8288, 0.3479,
0.3871

■ 29.9942, 0.3890,
0.4549

■ 31.2206, 0.3331,
0.3626

■ 29.8191, 0.3997,
0.4726


■ 31.6738, 0.3184,
0.3384

■ 29.6895, 0.4083,
0.4867


■ 32.1909, 0.3043,
0.3152


■ 29.6012, 0.4143,
0.4967

■ 32.7743, 0.2910,
0.2932


 29.5487, 0.4179,
0.5026

 33.4262, 0.2786,
0.2727

 29.5259, 0.4195,
0.5051

 34.1488, 0.2672,
0.2538

 34.9441, 0.2567,
0.2365

 35.8141, 0.2472,
0.2208

Harmonies

Analogous

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



30.4944, 0.3948, 0.3923



30.4944, 0.3625, 0.4112



30.4944, 0.3182, 0.4058

Triad

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



30.4944, 0.3625, 0.4112



30.4944, 0.2287, 0.2879



30.4944, 0.3488, 0.2890

Complementary

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



30.4944, 0.3625, 0.4112



14.3862, 0.2534, 0.2310

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.



30.4944, 0.3018, 0.2650



30.4944, 0.3625, 0.4112



30.4944, 0.2352, 0.2623

Square

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



30.4944, 0.3625, 0.4112



30.4944, 0.2423, 0.3289



30.4944, 0.2609, 0.2551



30.4944, 0.3876, 0.3225

Rectangle

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



30.4944, 0.3625, 0.4112



30.4944, 0.2882, 0.3871



30.4944, 0.2609, 0.2551



30.4944, 0.3332, 0.2797

Sweetspot

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



30.4958, 0.3625, 0.4112



56.1760, 0.3274, 0.3533



17.0416, 0.3883, 0.3278



12.3818, 0.3293, 0.3564



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



30.4958, 0.3625, 0.4112



54.1876, 0.3734, 0.4292



28.3159, 0.3351, 0.4193



7.2219, 0.3260, 0.3510



24.3890, 0.4195, 0.5051



0.3649, 0.4194, 0.5052

Inverse Universe

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



14.3862, 0.2534, 0.2310



20.7471, 0.2372, 0.2043



16.0573, 0.2827, 0.2384



6.0272, 0.2988, 0.3060



1.9036, 0.1500, 0.0601



0.0287, 0.1502, 0.0605

Previews

White Background



This preview shows how the Yxy color 30.4944, 0.3625, 0.4112 looks on a white background.

Color Contrast Check

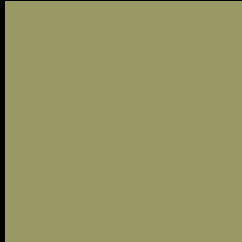
Large Text (above 18pt) WCAG AA × Fail

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 30.4944, 0.3625, 0.4112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

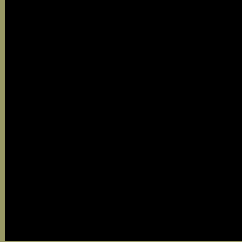
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4944, 0.3625, 0.4112

Background



This preview shows how black text looks on a background with the Yxy color 30.4944, 0.3625, 0.4112.



This preview shows how white text looks on a background with the Yxy color 30.4944, 0.3625, 0.4112.

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

30.4944, 0.3625, 0.4112

Protanopia

30.5193, 0.3760, 0.4054

Deuteranopia

30.2079, 0.3951, 0.3868



Tritanopia

30.4657, 0.3166, 0.3125

Trichromacy



Original Color

30.4944, 0.3625, 0.4112

Protanomaly

30.4242, 0.3710, 0.4080

Deuteranomaly

30.3728, 0.3836, 0.3962

Tritanomaly

30.4691, 0.3328, 0.3476

Monochromacy



Original Color

30.4944, 0.3625, 0.4112

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.4962, 0.3312, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4944, 0.3625, 0.4112 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(153, 153, 101)` looks like.

```
.text, #text, p{  
    color:rgb(153, 153, 101)  
}
```

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(153, 153, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 153, 101) }
```

Border

The CSS property to change the border of an element to Yxy 30.4944, 0.3625, 0.4112 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(153, 153, 101) }
```

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

```
.border{ border-color:rgb(153, 153, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 153, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 153, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 153, 101);  
box-shadow:4px 4px 4px 4px rgb(153, 153,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4944, 0.3625, 0.4112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 153, 101) }
```

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

```
.background{ background-color: rgb(153,  
153, 101) }
```

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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