

Converting Colors

$Yxy(29.8504, 0.3407, 0.3944)$

Have a look what the booklet for
Yxy(29.8504, 0.3407, 0.3944)
contains.

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Color

Yxy(29.9040, 0.3413, 0.3945)

Conversions

Conversions Part 1

Format	Color
Hex	909971
RGB	144, 153, 113
RGB Percent	56%, 60%, 44%
CMY	0.4353, 0.4000, 0.5569
CMYK	0.06, 0.00, 0.26, 0.40
HSL	74°, 16%, 52%
HSV	74°, 26%, 60%
XYZ	25.8713, 29.9040, 20.0270
YIQ	145.7490, 7.4760, -14.3480

Conversions

Conversions Part 2

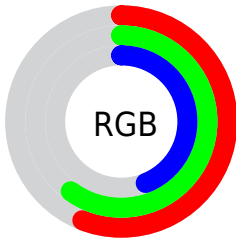
Format	Color
RYB	113, 153, 122
Decimal	9476465
CIELab	61.57, -10.32, 20.00
CIElCh	62, 22.509, 117.291
Yxy	29.9040, 0.3413, 0.3945
Android (android.graphics.Color)	4287666545 (0xFF909971)
YUV	145.7490, -16.1453, -1.5339
Hunter-Lab	54.6845, -11.2494, 16.5656

Details

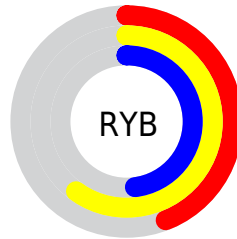
The Yxy color $29.9040, 0.3413, 0.3945$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $18.2455, 0.2790, 0.2586$, and the grayscale version is $28.7010, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.3480, 0.3358, 0.3804$, and $12.2116, 0.3494, 0.4175$ is the 20% darker color. If you saturate the color by 10%, you get $29.2835, 0.3518, 0.4207$, and if you desaturate by 10%, it is $30.5947, 0.3304, 0.3686$.

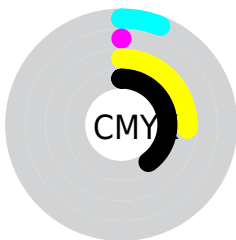
Distribution



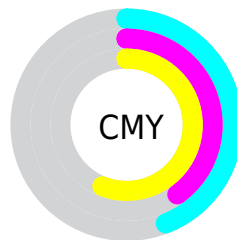
- Red (56%)
- Green (60%)
- Blue (44%)



- Red (44%)
- Yellow (60%)
- Blue (48%)



- Cyan (6%)
- Magenta (0%)
- Yellow (26%)
- Black (40%)





- Cyan (44%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.9040, 0.3413, 0.3945 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 29.9040, 0.3413, 0.3945 by changing the saturation by 10% instead.


 29.9040, 0.3413,
0.3945


 29.9040, 0.3413,
0.3945


301.4567, 0.3265,
0.3586


 19.7657, 0.3451,
0.4046


 59.5103, 0.3358,
0.3807


 12.2249, 0.3499,
0.4182


 79.7472, 0.3338,
0.3757

 6.8970, 0.3563,
0.4377


 104.1190, 0.3321,
0.3716

 3.3978, 0.3646,
0.4674

 133.0102, 0.3306,
0.3682

 1.3428, 0.4199,
0.5801

166.8052, 0.3294,
0.3653

 0.1740, 0.0000,
1.0000

205.8883, 0.3283,

 0.0000, 0.0000,

0.3628

0.0000

250.6441, 0.3273,
0.3606

■ 29.9040, 0.3413,
0.3945

■ 29.9040, 0.3413,
0.3945

■ 29.2835, 0.3518,
0.4207

■ 30.5947, 0.3304,
0.3686

■ 28.7263, 0.3614,
0.4463

■ 31.3545, 0.3194,
0.3437

■ 28.2305, 0.3696,
0.4704

■ 32.1872, 0.3086,
0.3201

■ 27.7924, 0.3760,
0.4919

■ 33.0954, 0.2983,
0.2982

■ 27.4081, 0.3801,
0.5098

■ 34.0815, 0.2886,
0.2780

■ 27.0730, 0.3817,
0.5235

■ 35.1476, 0.2794,
0.2596

■ 26.7804, 0.3810,
0.5328

■ 36.2959, 0.2710,
0.2429

■ 26.6736, 0.3805,
0.5360

■ 37.5285, 0.2632,
0.2278

■ 38.8474, 0.2561,
0.2142

Harmonies

Analogous

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



29.9040, 0.3710, 0.3866



29.9040, 0.3413, 0.3945



29.9040, 0.3050, 0.3823

Triad

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



29.9040, 0.3413, 0.3945



29.9040, 0.2451, 0.2881



29.9040, 0.3533, 0.3058

Complementary

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



29.9040, 0.3413, 0.3945



18.2455, 0.2790, 0.2586

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.



29.9040, 0.3172, 0.2829



29.9040, 0.3413, 0.3945



29.9040, 0.2560, 0.2720

Square

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



29.9040, 0.3413, 0.3945



29.9040, 0.2507, 0.3174



29.9040, 0.2818, 0.2706



29.9040, 0.3788, 0.3348

Rectangle

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



29.9040, 0.3413, 0.3945



29.9040, 0.2822, 0.3640



29.9040, 0.2818, 0.2706



29.9040, 0.3419, 0.2972

Sweetspot

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



29.9053, 0.3413, 0.3945



55.8632, 0.3216, 0.3486



21.8003, 0.3631, 0.3436



12.2918, 0.3231, 0.3521



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.



29.9053, 0.3413, 0.3945



52.9288, 0.3471, 0.4088



28.2865, 0.3206, 0.3990



7.1527, 0.3227, 0.3512



22.0580, 0.3808, 0.5358



0.3452, 0.3992, 0.5213

Inverse Universe

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



18.2455, 0.2790, 0.2586



28.6712, 0.2705, 0.2418



19.8290, 0.3020, 0.2632



6.0901, 0.3021, 0.3062



2.2016, 0.1637, 0.0676



0.0470, 0.2020, 0.0886

Previews

White Background



This preview shows how the Yxy color 29.9040, 0.3413, 0.3945 looks on a white background.

Color Contrast Check

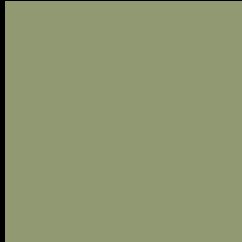
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9040, 0.3413, 0.3945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

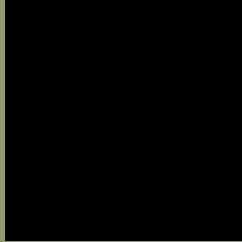
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.9040, 0.3413, 0.3945

Background



This preview shows how black text looks on a background with the Yxy color 29.9040, 0.3413, 0.3945.



This preview shows how white text looks on a background with the Yxy color 29.9040, 0.3413, 0.3945.

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

29.9040, 0.3413, 0.3945

Protanopia

29.6984, 0.3616, 0.3869

Deuteranopia

29.8814, 0.3766, 0.3706



Tritanopia

29.8547, 0.3044, 0.3105

Trichromacy



Original Color

29.9040, 0.3413, 0.3945

Protanomaly

29.8526, 0.3542, 0.3894

Deuteranomaly

29.8689, 0.3634, 0.3799

Tritanomaly

29.7438, 0.3184, 0.3401

Monochromacy



Original Color

29.9040, 0.3413, 0.3945

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.2359, 0.3230, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9040, 0.3413, 0.3945 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(144, 153, 113)` looks like.

```
.text, #text, p{  
    color:rgb(144, 153, 113)  
}
```

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(144, 153, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 153, 113) }
```

Border

The CSS property to change the border of an element to Yxy 29.9040, 0.3413, 0.3945 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(144, 153, 113) }
```

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

```
.border{ border-color:rgb(144, 153, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 153, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 153, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 153, 113);  
box-shadow:4px 4px 4px 4px rgb(144, 153,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9040, 0.3413, 0.3945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 153, 113) }
```

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

```
.background{ background-color: rgb(144,  
153, 113) }
```

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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