

Converting Colors

$Yxy(35.8142, 0.3038, 0.4459)$

Have a look what the booklet for
Yxy(35.8142, 0.3038, 0.4459)
contains.

Yxy(35.9482, 0.3042, 0.4462)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.9482, 0.3042, 0.4462)

Conversions

Conversions Part 1

Format	Color
Hex	69B26D
RGB	105, 178, 109
RGB Percent	41%, 70%, 43%
CMY	0.5881, 0.3020, 0.5726
CMYK	0.41, 0.00, 0.39, 0.30
HSL	123°, 32%, 55%
HSV	123°, 41%, 70%
XYZ	24.5079, 35.9482, 20.1091
YIQ	148.3070, -21.3590, -36.9350

Conversions

Conversions Part 2

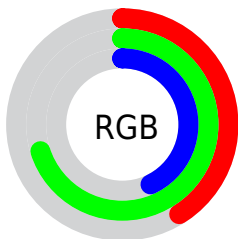
Format	Color
RYB	105, 174, 178
Decimal	6926957
CIELab	66.48, -37.28, 28.31
CIELCh	66, 46.808, 142.782
Yxy	35.9482, 0.3042, 0.4462
Android (android.graphics.Color)	4285117037 (0xFF69B26D)
YUV	148.3070, -19.3784, -37.9802
Hunter-Lab	59.9568, -31.9608, 22.0843

Details

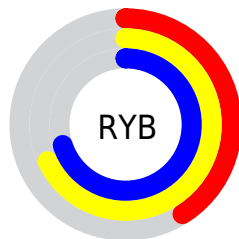
The Yxy color **35.9482, 0.3042, 0.4462** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.6319, 0.3219, 0.2345**, and the grayscale version is **29.8410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7898, 0.3071, 0.4213**, and **15.6973, 0.2972, 0.4903** is the 20% darker color. If you saturate the color by 10%, you get **34.6535, 0.3022, 0.4802**, and if you desaturate by 10%, it is **37.5410, 0.3063, 0.4134**.

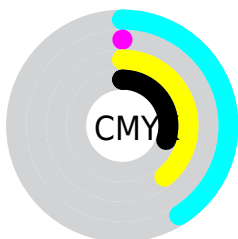
Distribution



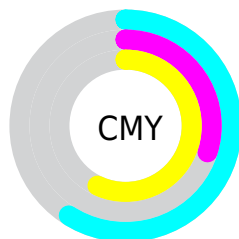
- Red (41%)
- Green (70%)
- Blue (43%)



- Red (41%)
- Yellow (68%)
- Blue (70%)



- Cyan (41%)
- Magenta (0%)
- Yellow (39%)
- Black (30%)





- Cyan (59%)
- Magenta (30%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.9482, 0.3042, 0.4462 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 35.9482, 0.3042, 0.4462 by changing the saturation by 10% instead.


 35.9482, 0.3042,
0.4462


 35.9482, 0.3042,
0.4462


328.7341, 0.3108,
0.3815

 24.3942, 0.3015,
0.4645


 68.9521, 0.3073,
0.4212


 15.6263, 0.2974,
0.4892


 91.1708, 0.3082,
0.4122

 9.2601, 0.2904,
0.5244


 117.7132, 0.3089,
0.4049

 4.9112, 0.2773,
0.5775

 148.9636, 0.3095,
0.3987

 2.1953, 0.2723,
0.7253

185.3065, 0.3099,
0.3934

 0.7174, 0.0000,
1.0000

227.1263, 0.3102,

 0.0000, 0.0000,

0.3889

0.0000

274.8074, 0.3105,
0.3850

■ 35.9482, 0.3042,
0.4462

■ 35.9482, 0.3042,
0.4462

■ 34.6535, 0.3022,
0.4802

■ 37.5410, 0.3063,
0.4134

■ 33.6342, 0.3006,
0.5136

■ 39.4439, 0.3085,
0.3829

■ 32.8716, 0.2994,
0.5440


■ 41.6739, 0.3106,
0.3555

■ 32.3428, 0.2989,
0.5691


■ 44.2453, 0.3125,
0.3312

■ 32.0207, 0.2989,
0.5869


■ 47.1716, 0.3144,
0.3101

 31.8621, 0.2990,
0.5964

 50.4656, 0.3160,
0.2918

 54.1395, 0.3175,
0.2760

 58.2048, 0.3189,
0.2625

 60.3210, 0.3163,
0.2536

Harmonies

Analogous

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



35.9482, 0.3726, 0.4586



35.9482, 0.3042, 0.4462



35.9482, 0.2417, 0.3870

Triad

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



35.9482, 0.3042, 0.4462



35.9482, 0.2034, 0.2249



35.9482, 0.4375, 0.3264

Complementary

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



35.9482, 0.3042, 0.4462



22.6319, 0.3219, 0.2345

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.



35.9482, 0.3812, 0.2775



35.9482, 0.3042, 0.4462



35.9482, 0.2444, 0.2215

Square

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



35.9482, 0.3042, 0.4462



35.9482, 0.1885, 0.2544



35.9482, 0.3082, 0.2404



35.9482, 0.4542, 0.3797

Rectangle

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



35.9482, 0.3042, 0.4462



35.9482, 0.2116, 0.3363



35.9482, 0.3082, 0.2404



35.9482, 0.4223, 0.3093

Sweetspot

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



35.9497, 0.3042, 0.4462



75.0499, 0.3103, 0.3586



41.9007, 0.3694, 0.4299



16.5070, 0.3100, 0.3620



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



35.9497, 0.3042, 0.4462



63.0852, 0.3025, 0.4763



36.8954, 0.2790, 0.3830



9.4973, 0.3109, 0.3512



22.8006, 0.2988, 0.5957



0.7199, 0.2939, 0.5781

Inverse Universe

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



22.6319, 0.3219, 0.2345



35.6876, 0.3241, 0.2161



21.4051, 0.3681, 0.2815



8.6386, 0.3146, 0.3077



8.8078, 0.3348, 0.1618



0.2795, 0.3305, 0.1595

Previews

White Background



This preview shows how the Yxy color 35.9482, 0.3042, 0.4462 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 35.9482, 0.3042, 0.4462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

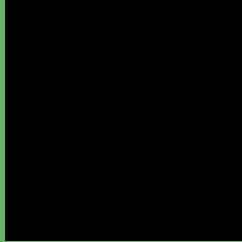
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9482, 0.3042, 0.4462

Background



This preview shows how black text looks on a background with the Yxy color 35.9482, 0.3042, 0.4462.



This preview shows how white text looks on a background with the Yxy color 35.9482, 0.3042, 0.4462.

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

35.9482, 0.3042, 0.4462

Protanopia

35.5630, 0.3813, 0.4131

Deuteranopia

35.4025, 0.3907, 0.3834



Tritanopia

35.7879, 0.2619, 0.3075

Trichromacy



Original Color

35.9482, 0.3042, 0.4462

Protanomaly

35.1414, 0.3500, 0.4249

Deuteranomaly

34.8378, 0.3557, 0.4060

Tritanomaly

35.5502, 0.2776, 0.3547

Monochromacy



Original Color

35.9482, 0.3042, 0.4462

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

31.4230, 0.3089, 0.3702

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9482, 0.3042, 0.4462 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(105, 178, 109)` looks like.

```
.text, #text, p{  
    color:rgb(105, 178, 109)  
}
```

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(105, 178, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 178, 109) }
```

Border

The CSS property to change the border of an element to Yxy 35.9482, 0.3042, 0.4462 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(105, 178, 109) }
```

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

```
.border{ border-color:rgb(105, 178, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 178, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 178, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 178, 109);  
box-shadow:4px 4px 4px 4px rgb(105, 178,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9482, 0.3042, 0.4462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 178, 109) }
```

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

```
.background{ background-color: rgb(105,  
178, 109) }
```

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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