

Converting Colors

Yxy(32.5036, 0.3237, 0.4844)

Have a look what the booklet for
Yxy(32.5036, 0.3237, 0.4844)
contains.

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Color

Yxy(32.3468, 0.3241, 0.4834)

Conversions

Conversions Part 1

Format	Color
Hex	69AA51
RGB	105, 170, 81
RGB Percent	41%, 67%, 32%
CMY	0.5881, 0.3333, 0.6824
CMYK	0.38, 0.00, 0.52, 0.33
HSL	104°, 35%, 49%
HSV	104°, 52%, 67%
XYZ	21.6872, 32.3468, 12.8812
YIQ	140.4190, -10.1710, -41.4590

Conversions

Conversions Part 2

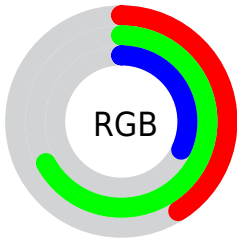
Format	Color
RYB	81, 170, 146
Decimal	6924881
CIELab	63.63, -37.69, 39.11
CIElCh	64, 54.317, 133.944
Yxy	32.3468, 0.3241, 0.4834
Android (android.graphics.Color)	4285114961 (0xFF69AA51)
YUV	140.4190, -29.2936, -31.0625
Hunter-Lab	56.8742, -31.4646, 26.3837

Details

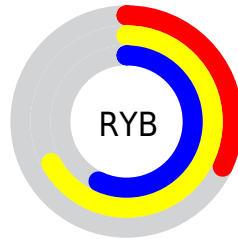
The Yxy color **32.3468, 0.3241, 0.4834** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **14.8917, 0.2875, 0.1942**, and the grayscale version is **26.5185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4296, 0.3244, 0.4506**, and **13.5253, 0.3191, 0.5413** is the 20% darker color. If you saturate the color by 10%, you get **31.4268, 0.3238, 0.5146**, and if you desaturate by 10%, it is **33.4431, 0.3233, 0.4510**.

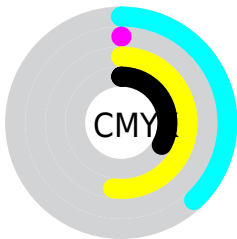
Distribution



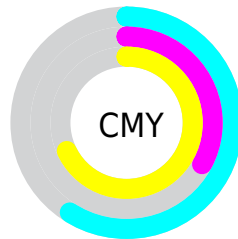
- Red (41%)
- Green (67%)
- Blue (32%)



- Red (32%)
- Yellow (67%)
- Blue (57%)



- Cyan (38%)
- Magenta (0%)
- Yellow (52%)
- Black (33%)





- Cyan (59%)
- Magenta (33%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3468, 0.3241, 0.4834 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 32.3468, 0.3241, 0.4834 by changing the saturation by 10% instead.

 32.3468, 0.3241,
0.4834


 32.3468, 0.3241,
0.4834


312.6960, 0.3220,
0.3970


 21.6265, 0.3227,
0.5078


 63.3544, 0.3246,
0.4498

 13.5827, 0.3193,
0.5407

 84.4105, 0.3243,
0.4379


 7.8310, 0.3115,
0.5863


 109.6806, 0.3240,
0.4280

 3.9870, 0.3043,
0.6764

 139.5492, 0.3236,
0.4198

 1.6663, 0.2357,
0.7643

 174.4006, 0.3231,
0.4128

 0.4017, 0.0000,
1.0000

214.6193, 0.3227,

 0.0000, 0.0000,

0.4068

0.0000

260.5897, 0.3223,
0.4016

■ 32.3468, 0.3241,
0.4834

■ 32.3468, 0.3241,
0.4834

■ 31.4268, 0.3238,
0.5146

■ 33.4431, 0.3233,
0.4510

■ 30.6692, 0.3222,
0.5425

■ 34.7203, 0.3215,
0.4189

■ 30.0650, 0.3193,
0.5654

■ 36.1880, 0.3192,
0.3884

■ 29.6019, 0.3152,
0.5816

■ 37.8538, 0.3164,
0.3602

■ 29.3285, 0.3120,
0.5905

■ 39.7250, 0.3134,
0.3346

■ 41.8083, 0.3104,
0.3118

■ 44.1103, 0.3074,
0.2915

■ 46.6373, 0.3044,
0.2737

■ 49.3952, 0.3016,
0.2580

Harmonies

Analogous

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



32.3468, 0.4027, 0.4761



32.3468, 0.3241, 0.4834



32.3468, 0.2467, 0.4258

Triad

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



32.3468, 0.3241, 0.4834



32.3468, 0.1771, 0.2130



32.3468, 0.4469, 0.3063

Complementary

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



32.3468, 0.3241, 0.4834



14.8917, 0.2875, 0.1942

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.



32.3468, 0.3689, 0.2538



32.3468, 0.3241, 0.4834



32.3468, 0.2148, 0.2020

Square

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



32.3468, 0.3241, 0.4834



32.3468, 0.1689, 0.2554



32.3468, 0.2819, 0.2170



32.3468, 0.4813, 0.3664

Rectangle

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



32.3468, 0.3241, 0.4834



32.3468, 0.2066, 0.3639



32.3468, 0.2819, 0.2170



32.3468, 0.4242, 0.2875

Sweetspot

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



32.3482, 0.3241, 0.4834



67.4510, 0.3175, 0.3710



29.3231, 0.4055, 0.4223



14.9075, 0.3181, 0.3766



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



32.3482, 0.3241, 0.4834



56.7546, 0.3236, 0.5198



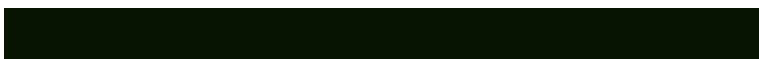
31.4235, 0.2926, 0.4578



8.5021, 0.3155, 0.3520



21.5985, 0.3127, 0.5899



0.5501, 0.3380, 0.5699

Inverse Universe

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



14.8917, 0.2875, 0.1942



21.5160, 0.2794, 0.1671



16.6534, 0.3446, 0.2288



7.5632, 0.3096, 0.3065



5.3202, 0.2546, 0.1176



0.1526, 0.2777, 0.1303

Previews

White Background



This preview shows how the Yxy color 32.3468, 0.3241, 0.4834 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 32.3468, 0.3241, 0.4834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

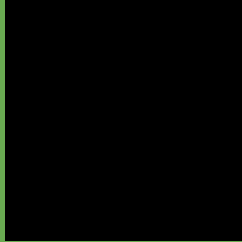
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3468, 0.3241, 0.4834

Background



This preview shows how black text looks on a background with the Yxy color 32.3468, 0.3241, 0.4834.



This preview shows how white text looks on a background with the Yxy color 32.3468, 0.3241, 0.4834.

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

32.3468, 0.3241, 0.4834

Protanopia

32.1791, 0.4026, 0.4401

Deuteranopia

31.8107, 0.4179, 0.4092



Tritanopia

32.2237, 0.2679, 0.3084

Trichromacy



Original Color

32.3468, 0.3241, 0.4834

Protanomaly

31.8027, 0.3707, 0.4570

Deuteranomaly

31.2667, 0.3801, 0.4359

Tritanomaly

32.0892, 0.2888, 0.3695

Monochromacy



Original Color

32.3468, 0.3241, 0.4834

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.9772, 0.3182, 0.3845

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3468, 0.3241, 0.4834 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, 170, 81)` looks like.

```
.text, #text, p{  
    color:rgb(105, 170, 81)  
}
```

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, 170, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 170, 81) }
```

Border

The CSS property to change the border of an element to Yxy 32.3468, 0.3241, 0.4834 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, 170, 81) }
```

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

```
.border{ border-color:rgb(105, 170, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 170, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 170, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 170, 81);  
box-shadow:4px 4px 4px 4px rgb(105, 170,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3468, 0.3241, 0.4834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 170, 81) }
```

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

```
.background{ background-color: rgb(105,  
170, 81) }
```

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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