

Converting Colors

$Yxy(35.4844, 0.3041, 0.4048)$

Have a look what the booklet for
Yxy(35.4844, 0.3041, 0.4048)
contains.

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Color

Yxy(35.4844, 0.3041, 0.4048)

Conversions

Conversions Part 1

Format	Color
Hex	79AD7F
RGB	121, 173, 127
RGB Percent	47%, 68%, 50%
CMY	0.5255, 0.3215, 0.5020
CMYK	0.30, 0.00, 0.27, 0.32
HSL	127°, 24%, 58%
HSV	127°, 30%, 68%
XYZ	26.6571, 35.4844, 25.5176
YIQ	152.2080, -16.2260, -25.3300

Conversions

Conversions Part 2

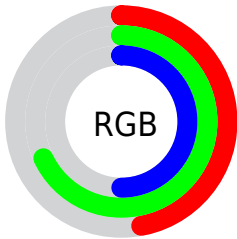
Format	Color
RYB	121, 168, 173
Decimal	7974271
CIELab	66.12, -26.70, 18.29
CIElCh	66, 32.358, 145.591
Yxy	35.4844, 0.3041, 0.4048
Android (android.graphics.Color)	4286164351 (0xFF79AD7F)
YUV	152.2080, -12.4275, -27.3694
Hunter-Lab	59.5688, -24.3663, 16.3000

Details

The Yxy color **35.4844, 0.3041, 0.4048** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.3467, 0.3227, 0.2634**, and the grayscale version is **31.5528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4479, 0.3066, 0.3891**, and **15.2851, 0.2991, 0.4306** is the 20% darker color. If you saturate the color by 10%, you get **33.9770, 0.3014, 0.4353**, and if you desaturate by 10%, it is **37.2795, 0.3070, 0.3767**.

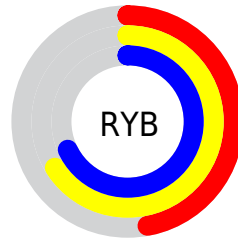
Distribution



Red (47%)

Green (68%)

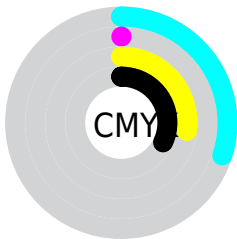
Blue (50%)



Red (47%)

Yellow (66%)

Blue (68%)

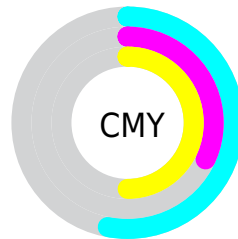


Cyan (30%)

Magenta (0%)

Yellow (27%)

Black (32%)



Cyan (53%)

Magenta (32%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4844, 0.3041, 0.4048 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 35.4844, 0.3041, 0.4048 by changing the saturation by 10% instead.


 35.4844, 0.3041,
0.4048


 35.4844, 0.3041,
0.4048


326.7013, 0.3095,
0.3635


 24.0363, 0.3023,
0.4164


 68.2355, 0.3064,
0.3889

 15.3605, 0.2997,
0.4320


 90.3073, 0.3071,
0.3832

 9.0728, 0.2955,
0.4544


 116.6890, 0.3077,
0.3785

 4.7887, 0.2883,
0.4888

147.7651, 0.3082,
0.3745

 2.1238, 0.2757,
0.5515

183.9200, 0.3086,
0.3711

 0.6780, 0.0000,
1.0000

225.5381, 0.3090,

 0.0000, 0.0000,

0.3682

0.0000

273.0037, 0.3093,
0.3657

■ 35.4844, 0.3041,
0.4048

■ 35.4844, 0.3041,
0.4048

■ 33.9770, 0.3014,
0.4353

■ 37.2795, 0.3070,
0.3767

■ 32.7382, 0.2990,
0.4673

■ 39.3716, 0.3099,
0.3515

■ 31.7534, 0.2972,
0.4994


■ 41.7749, 0.3127,
0.3291


■ 31.0049, 0.2961,
0.5298


■ 44.5013, 0.3154,
0.3096


■ 30.4726, 0.2959,
0.5563


■ 47.5623, 0.3179,
0.2927


 30.1331, 0.2965,
0.5770

 50.9688, 0.3202,
0.2781

 29.9404, 0.2975,
0.5911

 54.7310, 0.3223,
0.2654

 58.0163, 0.3208,
0.2537

 58.3700, 0.3165,
0.2488

Harmonies

Analogous

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



35.4844, 0.3528, 0.4189



35.4844, 0.3041, 0.4048



35.4844, 0.2599, 0.3642

Triad

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



35.4844, 0.3041, 0.4048



35.4844, 0.2358, 0.2534



35.4844, 0.4015, 0.3330

Complementary

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



35.4844, 0.3041, 0.4048



25.3467, 0.3227, 0.2634

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.



35.4844, 0.3651, 0.2957



35.4844, 0.3041, 0.4048



35.4844, 0.2684, 0.2514

Square

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



35.4844, 0.3041, 0.4048



35.4844, 0.2228, 0.2748



35.4844, 0.3153, 0.2667



35.4844, 0.4114, 0.3721

Rectangle

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



35.4844, 0.3041, 0.4048



35.4844, 0.2385, 0.3308



35.4844, 0.3153, 0.2667



35.4844, 0.3918, 0.3200

Sweetspot

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



35.4859, 0.3041, 0.4048



70.8750, 0.3101, 0.3493



39.5736, 0.3521, 0.4039



15.2789, 0.3097, 0.3527



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.



35.4859, 0.3041, 0.4048



61.7191, 0.3023, 0.4246



36.2275, 0.2851, 0.3622



8.9538, 0.3101, 0.3497



21.9982, 0.2972, 0.5900



0.6166, 0.2870, 0.5532

Inverse Universe

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



25.3467, 0.3227, 0.2634



40.6522, 0.3253, 0.2492



24.5033, 0.3522, 0.2983



8.1319, 0.3154, 0.3092



8.2230, 0.3518, 0.1711



0.2332, 0.3413, 0.1654

Previews

White Background



This preview shows how the Yxy color 35.4844, 0.3041, 0.4048 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 35.4844, 0.3041, 0.4048 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 35.4844, 0.3041, 0.4048

Background



This preview shows how black text looks on a background with the Yxy color 35.4844, 0.3041, 0.4048.



This preview shows how white text looks on a background with the Yxy color 35.4844, 0.3041, 0.4048.

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

35.4844, 0.3041, 0.4048

Protanopia

35.1800, 0.3600, 0.3860

Deuteranopia

35.1890, 0.3684, 0.3610



Tritanopia

35.3524, 0.2723, 0.3093

Trichromacy



Original Color

35.4844, 0.3041, 0.4048

Protanomaly

35.1126, 0.3382, 0.3936

Deuteranomaly

34.7828, 0.3420, 0.3755

Tritanomaly

35.4260, 0.2836, 0.3431

Monochromacy



Original Color

35.4844, 0.3041, 0.4048

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.7875, 0.3095, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4844, 0.3041, 0.4048 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(121, 173, 127)` looks like.

```
.text, #text, p{  
    color:rgb(121, 173, 127)  
}
```

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(121, 173, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 173, 127) }
```

Border

The CSS property to change the border of an element to Yxy 35.4844, 0.3041, 0.4048 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(121, 173, 127) }
```

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

```
.border{ border-color:rgb(121, 173, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 173, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 173, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 173, 127);  
box-shadow:4px 4px 4px 4px rgb(121, 173,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4844, 0.3041, 0.4048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 173, 127) }
```

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

```
.background{ background-color: rgb(121,  
173, 127) }
```

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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