

Converting Colors

$Yxy(38.9490, 0.3039, 0.4064)$

Have a look what the booklet for
Yxy(38.9490, 0.3039, 0.4064)
contains.

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Color

Yxy(39.0737, 0.3034, 0.4068)

Conversions

Conversions Part 1

Format	Color
Hex	7DB584
RGB	125, 181, 132
RGB Percent	49%, 71%, 52%
CMY	0.5100, 0.2902, 0.4823
CMYK	0.31, 0.00, 0.27, 0.29
HSL	128°, 27%, 60%
HSV	128°, 31%, 71%
XYZ	29.1420, 39.0737, 27.8357
YIQ	158.6700, -17.6470, -27.1110

Conversions

Conversions Part 2

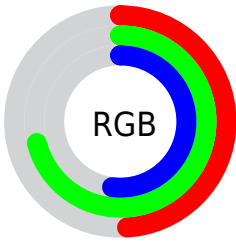
Format	Color
RYB	125, 175, 181
Decimal	8238468
CIELab	68.80, -28.38, 19.28
CIELCh	69, 34.311, 145.810
Yxy	39.0737, 0.3034, 0.4068
Android (android.graphics.Color)	4286428548 (0xFF7DB584)
YUV	158.6700, -13.1483, -29.5286
Hunter-Lab	62.5090, -26.1731, 17.3540

Details

The Yxy color **39.0737, 0.3034, 0.4068** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **27.5377, 0.3237, 0.2620**, and the grayscale version is **34.5769, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6549, 0.3060, 0.3910**, and **17.5034, 0.2994, 0.4344** is the 20% darker color. If you saturate the color by 10%, you get **37.4344, 0.3006, 0.4372**, and if you desaturate by 10%, it is **41.0302, 0.3064, 0.3787**.

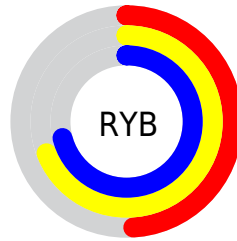
Distribution



Red (49%)

Green (71%)

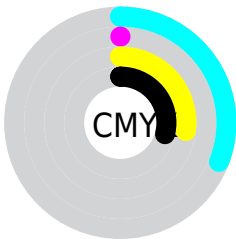
Blue (52%)



Red (49%)

Yellow (69%)

Blue (71%)

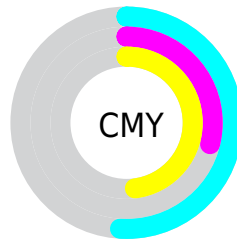


Cyan (31%)

Magenta (0%)

Yellow (27%)

Black (29%)



Cyan (51%)


Magenta (29%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0737, 0.3034, 0.4068 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 39.0737, 0.3034, 0.4068 by changing the saturation by 10% instead.


 39.0737, 0.3034,
0.4068


 39.0737, 0.3034,
0.4068


342.2037, 0.3091,
0.3650

 26.8171, 0.3015,
0.4183


 73.7509, 0.3058,
0.3909

 17.4359, 0.2989,
0.4336


 96.9402, 0.3066,
0.3851

 10.5458, 0.2947,
0.4553


 124.5426, 0.3072,
0.3803

 5.7623, 0.2878,
0.4878

156.9424, 0.3078,
0.3763

 2.7011, 0.2743,
0.5415

194.5240, 0.3082,
0.3728

 0.9777, 0.1928,
0.8072

237.6719, 0.3086,

 0.0000, 0.0000,

0.3699

0.0000

286.7703, 0.3089,
0.3673

■ 39.0737, 0.3034,
0.4068

■ 39.0737, 0.3034,
0.4068

■ 37.4344, 0.3006,
0.4372

■ 41.0302, 0.3064,
0.3787

■ 36.0910, 0.2982,
0.4691

■ 43.3144, 0.3095,
0.3534

■ 35.0272, 0.2964,
0.5010


■ 45.9419, 0.3124,
0.3310


■ 34.2230, 0.2954,
0.5311


■ 48.9264, 0.3153,
0.3114

■ 33.6559, 0.2954,
0.5572

■ 52.2804, 0.3180,
0.2944

 33.2993, 0.2962,
0.5775

 56.0161, 0.3204,
0.2797

 33.1130, 0.2973,
0.5902

 60.1449, 0.3227,
0.2670

 61.5322, 0.3161,
0.2566

Harmonies

Analogous

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



39.0737, 0.3534, 0.4214



39.0737, 0.3034, 0.4068



39.0737, 0.2582, 0.3648

Triad

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



39.0737, 0.3034, 0.4068



39.0737, 0.2341, 0.2514



39.0737, 0.4041, 0.3333

Complementary

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



39.0737, 0.3034, 0.4068



27.5377, 0.3237, 0.2620

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.



39.0737, 0.3668, 0.2951



39.0737, 0.3034, 0.4068



39.0737, 0.2675, 0.2496

Square

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



39.0737, 0.3034, 0.4068



39.0737, 0.2206, 0.2731



39.0737, 0.3157, 0.2654



39.0737, 0.4140, 0.3733

Rectangle

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



39.0737, 0.3034, 0.4068



39.0737, 0.2364, 0.3304



39.0737, 0.3157, 0.2654



39.0737, 0.3942, 0.3200

Sweetspot

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



39.0753, 0.3034, 0.4068



78.3718, 0.3100, 0.3491



43.5849, 0.3525, 0.4066



16.8004, 0.3096, 0.3525



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.



39.0753, 0.3034, 0.4068



67.9577, 0.3015, 0.4268



39.9309, 0.2836, 0.3620



9.5069, 0.3100, 0.3495



22.8302, 0.2969, 0.5889



0.7239, 0.2866, 0.5519

Inverse Universe

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



27.5377, 0.3237, 0.2620



44.0761, 0.3265, 0.2477



26.5721, 0.3551, 0.2985



8.6280, 0.3156, 0.3093



8.4876, 0.3548, 0.1728



0.2722, 0.3441, 0.1669

Previews

White Background



This preview shows how the Yxy color 39.0737, 0.3034, 0.4068 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 39.0737, 0.3034, 0.4068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

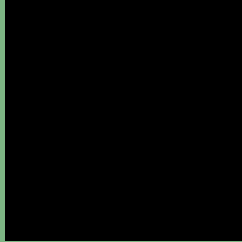
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0737, 0.3034, 0.4068

Background



This preview shows how black text looks on a background with the Yxy color 39.0737, 0.3034, 0.4068.



This preview shows how white text looks on a background with the Yxy color 39.0737, 0.3034, 0.4068.

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

39.0737, 0.3034, 0.4068

Protanopia

38.7275, 0.3610, 0.3865

Deuteranopia

38.7366, 0.3690, 0.3625



Tritanopia

39.1372, 0.2710, 0.3086

Trichromacy



Original Color

39.0737, 0.3034, 0.4068

Protanomaly

38.4345, 0.3380, 0.3943

Deuteranomaly

38.1895, 0.3426, 0.3767

Tritanomaly

39.1770, 0.2824, 0.3425

Monochromacy



Original Color

39.0737, 0.3034, 0.4068

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

36.0104, 0.3096, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0737, 0.3034, 0.4068 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(125, 181, 132)` looks like.

```
.text, #text, p{  
    color:rgb(125, 181, 132)  
}
```

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(125, 181, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 181, 132) }
```

Border

The CSS property to change the border of an element to Yxy 39.0737, 0.3034, 0.4068 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(125, 181, 132) }
```

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

```
.border{ border-color:rgb(125, 181, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 181, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 181, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 181, 132);  
box-shadow:4px 4px 4px 4px rgb(125, 181,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0737, 0.3034, 0.4068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 181, 132) }
```

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

```
.background{ background-color: rgb(125,  
181, 132) }
```

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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