

Converting Colors

$Yxy(37.1224, 0.3049, 0.3746)$

Have a look what the booklet for
Yxy(37.1224, 0.3049, 0.3746)
contains.

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Color

Yxy(37.2191, 0.3045, 0.3741)

Conversions

Conversions Part 1

Format	Color
Hex	89AD90
RGB	137, 173, 144
RGB Percent	54%, 68%, 56%
CMY	0.4627, 0.3216, 0.4353
CMYK	0.21, 0.00, 0.17, 0.32
HSL	132°, 18%, 61%
HSV	132°, 21%, 68%
XYZ	30.2946, 37.2191, 31.9760
YIQ	158.9300, -12.1470, -16.6510

Conversions

Conversions Part 2

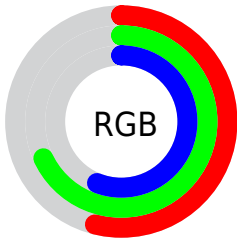
Format	Color
RYB	137, 167, 173
Decimal	9022864
CIELab	67.44, -18.12, 10.93
CIELCh	67, 21.156, 148.908
Yxy	37.2191, 0.3045, 0.3741
Android (android.graphics.Color)	4287212944 (0xFF89AD90)
YUV	158.9300, -7.3605, -19.2326
Hunter-Lab	61.0075, -18.1249, 11.6294

Details

The Yxy color **37.2191, 0.3045, 0.3741** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **29.5292, 0.3222, 0.2877**, and the grayscale version is **34.6767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1922, 0.3063, 0.3653**, and **16.4613, 0.3005, 0.3896** is the 20% darker color. If you saturate the color by 10%, you get **35.4738, 0.3007, 0.3997**, and if you desaturate by 10%, it is **39.2546, 0.3085, 0.3510**.

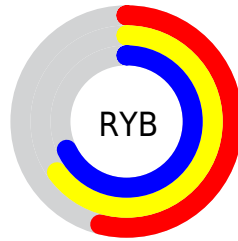
Distribution



Red (54%)

Green (68%)

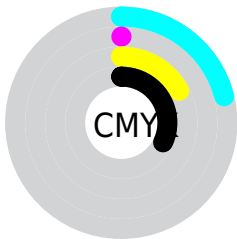
Blue (56%)



Red (54%)

Yellow (65%)

Blue (68%)

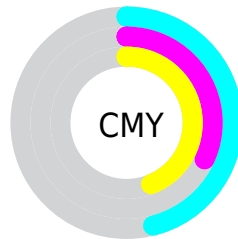


Cyan (21%)

Magenta (0%)

Yellow (17%)

Black (32%)



Cyan (46%)


Magenta (32%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2191, 0.3045, 0.3741 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 37.2191, 0.3045, 0.3741 by changing the saturation by 10% instead.


 37.2191, 0.3045,
0.3741


 37.2191, 0.3045,
0.3741


334.2581, 0.3091,
0.3500


 25.3772, 0.3032,
0.3807


 70.9096, 0.3063,
0.3650

 16.3583, 0.3013,
0.3894


 93.5270, 0.3069,
0.3617

 9.7780, 0.2987,
0.4018


 120.5050, 0.3075,
0.3589

 5.2520, 0.2944,
0.4204

152.2281, 0.3079,
0.3566

 2.3959, 0.2868,
0.4515

189.0805, 0.3083,
0.3546

 0.8238, 0.2626,
0.6348

231.4467, 0.3086,

 0.0000, 0.0000,

0.3529

0.0000

279.7111, 0.3089,
0.3514

■ 37.2191, 0.3045,
0.3741

■ 37.2191, 0.3045,
0.3741

■ 35.4738, 0.3007,
0.3997

■ 39.2546, 0.3085,
0.3510

■ 34.0009, 0.2972,
0.4276

■ 41.5877, 0.3124,
0.3305

■ 32.7878, 0.2942,
0.4571

■ 44.2316, 0.3162,
0.3126

■ 31.8193, 0.2921,
0.4870

■ 47.1971, 0.3199,
0.2969

■ 31.0783, 0.2911,
0.5160

■ 50.4946, 0.3233,
0.2833

■ 30.5456, 0.2913,
0.5424

■ 54.1340, 0.3265,
0.2715

■ 30.1986, 0.2927,
0.5645

■ 57.5314, 0.3270,
0.2608

■ 30.0019, 0.2945,
0.5802

■ 58.3683, 0.3165,
0.2488

Harmonies

Analogous

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



37.2191, 0.3363, 0.3858



37.2191, 0.3045, 0.3741



37.2191, 0.2759, 0.3482

Triad

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



37.2191, 0.3045, 0.3741



37.2191, 0.2638, 0.2785



37.2191, 0.3711, 0.3358

Complementary

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



37.2191, 0.3045, 0.3741



29.5292, 0.3222, 0.2877

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.



37.2191, 0.3497, 0.3100



37.2191, 0.3045, 0.3741



37.2191, 0.2872, 0.2778

Square

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



37.2191, 0.3045, 0.3741



37.2191, 0.2533, 0.2923



37.2191, 0.3186, 0.2892



37.2191, 0.3758, 0.3614

Rectangle

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



37.2191, 0.3045, 0.3741



37.2191, 0.2622, 0.3276



37.2191, 0.3186, 0.2892



37.2191, 0.3656, 0.3269

Sweetspot

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



37.2207, 0.3045, 0.3741



72.1984, 0.3103, 0.3411



39.8451, 0.3371, 0.3809



15.6343, 0.3101, 0.3423



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.



37.2207, 0.3045, 0.3741



65.1480, 0.3027, 0.3857



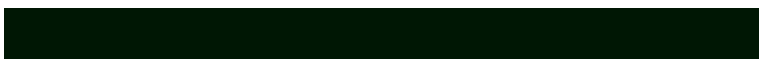
37.8013, 0.2908, 0.3463



8.9639, 0.3091, 0.3478



22.0467, 0.2941, 0.5787



0.6206, 0.2793, 0.5254

Inverse Universe

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



29.5292, 0.3222, 0.2877



48.8559, 0.3247, 0.2783



28.9271, 0.3408, 0.3124



8.1209, 0.3166, 0.3109



7.9113, 0.3762, 0.1846



0.2268, 0.3567, 0.1739

Previews

White Background



This preview shows how the Yxy color 37.2191, 0.3045, 0.3741 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 37.2191, 0.3045, 0.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

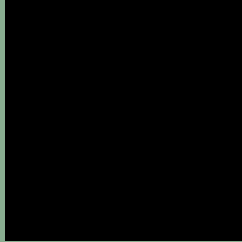
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2191, 0.3045, 0.3741

Background



This preview shows how black text looks on a background with the Yxy color 37.2191, 0.3045, 0.3741.



This preview shows how white text looks on a background with the Yxy color 37.2191, 0.3045, 0.3741.

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

37.2191, 0.3045, 0.3741

Protanopia

36.8291, 0.3432, 0.3636

Deuteranopia

36.9994, 0.3511, 0.3442



Tritanopia

37.2708, 0.2815, 0.3100

Trichromacy



Original Color

37.2191, 0.3045, 0.3741

Protanomaly

36.9314, 0.3278, 0.3677

Deuteranomaly

36.5945, 0.3328, 0.3537

Tritanomaly

37.2393, 0.2890, 0.3319

Monochromacy



Original Color

37.2191, 0.3045, 0.3741

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.4633, 0.3092, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2191, 0.3045, 0.3741 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(137, 173, 144)` looks like.

```
.text, #text, p{  
    color:rgb(137, 173, 144)  
}
```

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(137, 173, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 173, 144) }
```

Border

The CSS property to change the border of an element to Yxy 37.2191, 0.3045, 0.3741 is called "border". The border property can be set on classes, ids or directly on the HTML element.

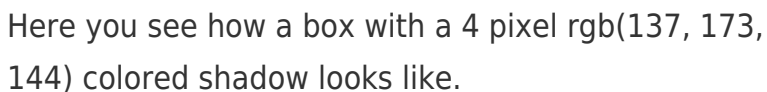
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 173, 144) }
```

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

```
.border{ border-color:rgb(137, 173, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 173, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 173, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 173, 144);  
box-shadow:4px 4px 4px 4px rgb(137, 173,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2191, 0.3045, 0.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 173, 144) }
```

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

```
.background{ background-color: rgb(137,  
173, 144) }
```

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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