

Converting Colors

$Yxy(37.1995, 0.2902, 0.3769)$

Have a look what the booklet for
Yxy(37.1995, 0.2902, 0.3769)
contains.

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Color

Yxy(37.1909, 0.2899, 0.3770)

Conversions

Conversions Part 1

Format	Color
Hex	79B092
RGB	121, 176, 146
RGB Percent	47%, 69%, 57%
CMY	0.5255, 0.3098, 0.4275
CMYK	0.31, 0.00, 0.17, 0.31
HSL	147°, 26%, 58%
HSV	147°, 31%, 69%
XYZ	28.5985, 37.1909, 32.8602
YIQ	156.1350, -23.1500, -20.9900

Conversions

Conversions Part 2

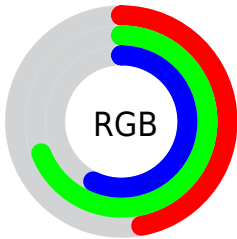
Format	Color
RYB	121, 159, 176
Decimal	7975058
CIELab	67.42, -24.52, 9.67
CIELCh	67, 26.362, 158.470
Yxy	37.1909, 0.2899, 0.3770
Android (android.graphics.Color)	4286165138 (0xFF79B092)
YUV	156.1350, -4.9966, -30.8134
Hunter-Lab	60.9843, -23.0153, 10.7418

Details

The Yxy color **37.1909, 0.2899, 0.3770** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **25.1419, 0.3446, 0.2857**, and the grayscale version is **33.3404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9973, 0.2947, 0.3673**, and **16.2942, 0.2825, 0.3943** is the 20% darker color. If you saturate the color by 10%, you get **35.7482, 0.2837, 0.3956**, and if you desaturate by 10%, it is **38.8938, 0.2968, 0.3599**.

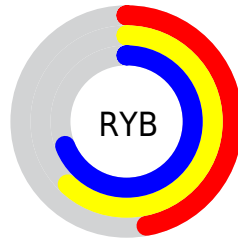
Distribution



Red (47%)

Green (69%)

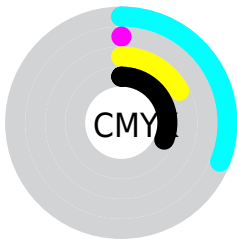
Blue (57%)



Red (47%)

Yellow (62%)

Blue (69%)

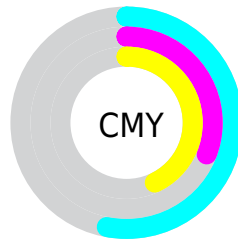


Cyan (31%)

Magenta (0%)

Yellow (17%)

Black (31%)



Cyan (53%)


Magenta (31%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1909, 0.2899, 0.3770 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 37.1909, 0.2899, 0.3770 by changing the saturation by 10% instead.


 37.1909, 0.2899,
0.3770


 37.1909, 0.2899,
0.3770


334.1363, 0.3021,
0.3513


 25.3553, 0.2866,
0.3840


 70.8663, 0.2945,
0.3672

 16.3420, 0.2821,
0.3935


 93.4749, 0.2962,
0.3637

 9.7665, 0.2758,
0.4068


 120.4433, 0.2976,
0.3608

 5.2444, 0.2662,
0.4269

152.1559, 0.2988,
0.3583

 2.3914, 0.2502,
0.4608

188.9971, 0.2998,
0.3562

 0.8214, 0.1491,
0.6724

231.3513, 0.3007,

 0.0000, 0.0000,

0.3543

0.0000

279.6029, 0.3014,
0.3527

■ 37.1909, 0.2899,
0.3770

■ 37.1909, 0.2899,
0.3770

■ 35.7482, 0.2837,
0.3956

■ 38.8938, 0.2968,
0.3599

■ 34.5478, 0.2785,
0.4154

■ 40.8646, 0.3042,
0.3445

■ 33.5768, 0.2747,
0.4362

■ 43.1161, 0.3118,
0.3306

■ 32.8191, 0.2726,
0.4574


■ 45.6593, 0.3194,
0.3183

■ 32.2566, 0.2723,
0.4785

■ 48.5043, 0.3268,
0.3075


 31.8675, 0.2739,
0.4986

 51.6609, 0.3341,
0.2979

 31.6305, 0.2765,
0.5152

 55.1382, 0.3411,
0.2896

 57.6307, 0.3421,
0.2814

 58.1632, 0.3341,
0.2722

Harmonies

Analogous

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



37.1909, 0.3291, 0.3983



37.1909, 0.2899, 0.3770



37.1909, 0.2581, 0.3404

Triad

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



37.1909, 0.2899, 0.3770



37.1909, 0.2599, 0.2648



37.1909, 0.3901, 0.3471

Complementary

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



37.1909, 0.2899, 0.3770



25.1419, 0.3446, 0.2857

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.



37.1909, 0.3693, 0.3149



37.1909, 0.2899, 0.3770



37.1909, 0.2925, 0.2692

Square

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



37.1909, 0.2899, 0.3770



37.1909, 0.2418, 0.2761



37.1909, 0.3327, 0.2872



37.1909, 0.3883, 0.3773

Rectangle

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



37.1909, 0.2899, 0.3770



37.1909, 0.2449, 0.3146



37.1909, 0.3327, 0.2872



37.1909, 0.3855, 0.3362

Sweetspot

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



37.1924, 0.2899, 0.3770



74.9223, 0.3058, 0.3414



39.0364, 0.3354, 0.4119



16.1165, 0.3047, 0.3435



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



37.1924, 0.2899, 0.3770



65.7233, 0.2858, 0.3887



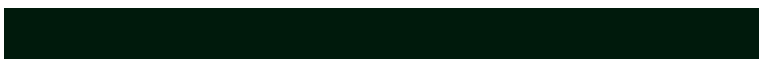
38.1444, 0.2705, 0.3331



9.5521, 0.3056, 0.3417



23.2184, 0.2759, 0.5133



0.7424, 0.2606, 0.4582

Inverse Universe

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



25.1419, 0.3446, 0.2857



40.6230, 0.3535, 0.2765



24.3560, 0.3786, 0.3251



8.5803, 0.3205, 0.3166



7.4046, 0.4738, 0.2384



0.2446, 0.4204, 0.2090

Previews

White Background



This preview shows how the Yxy color 37.1909, 0.2899, 0.3770 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 37.1909, 0.2899, 0.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

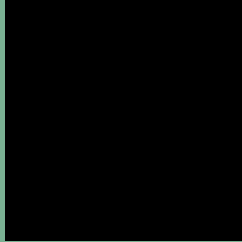
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1909, 0.2899, 0.3770

Background



This preview shows how black text looks on a background with the Yxy color 37.1909, 0.2899, 0.3770.



This preview shows how white text looks on a background with the Yxy color 37.1909, 0.2899, 0.3770.

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

37.1909, 0.2899, 0.3770

Protanopia

36.8291, 0.3432, 0.3636

Deuteranopia

36.8461, 0.3461, 0.3401



Tritanopia

37.2536, 0.2681, 0.3095

Trichromacy



Original Color

37.1909, 0.2899, 0.3770

Protanomaly

36.7306, 0.3210, 0.3682

Deuteranomaly

36.6573, 0.3229, 0.3526

Tritanomaly

37.2250, 0.2760, 0.3335

Monochromacy



Original Color

37.1909, 0.2899, 0.3770

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.3010, 0.3036, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1909, 0.2899, 0.3770 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, 176, 146)` looks like.

```
.text, #text, p{  
    color:rgb(121, 176, 146)  
}
```

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, 176, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 176, 146) }
```

Border

The CSS property to change the border of an element to Yxy 37.1909, 0.2899, 0.3770 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, 176, 146) }
```

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

```
.border{ border-color:rgb(121, 176, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 176, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 176, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 176, 146);  
box-shadow:4px 4px 4px 4px rgb(121, 176,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1909, 0.2899, 0.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 176, 146) }
```

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

```
.background{ background-color: rgb(121,  
176, 146) }
```

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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