

Converting Colors

$Yxy(70.9619, 0.3695, 0.3863)$

Have a look what the booklet for
Yxy(70.9619, 0.3695, 0.3863)
contains.

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Color

Yxy(71.1473, 0.3698, 0.3867)

Conversions

Conversions Part 1

Format	Color
Hex	F2D9A3
RGB	242, 217, 163
RGB Percent	95%, 85%, 64%
CMY	0.0510, 0.1490, 0.3607
CMYK	0.00, 0.10, 0.33, 0.05
HSL	41°, 75%, 79%
HSV	41°, 33%, 95%
XYZ	68.0379, 71.1473, 44.8005
YIQ	218.3190, 32.2340, -11.4940

Conversions

Conversions Part 2

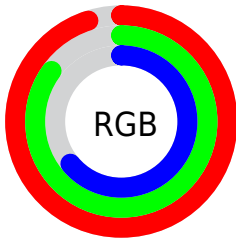
Format	Color
RYB	200, 242, 163
Decimal	15915427
CIELab	87.56, 0.91, 29.79
CIELCh	88, 29.805, 88.250
Yxy	71.1473, 0.3698, 0.3867
Android (android.graphics.Color)	4294105507 (0xFFFF2D9A3)
YUV	218.3190, -27.2723, 20.7682
Hunter-Lab	84.3489, -3.6279, 27.5533

Details

The Yxy color $71.1473, 0.3698, 0.3867$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $50.1558, 0.2580, 0.2635$, and the grayscale version is $70.5190, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.8420, 0.3345, 0.3651$, and $37.3026, 0.3831, 0.3992$ is the 20% darker color. If you saturate the color by 10%, you get $66.5105, 0.3900, 0.4044$, and if you desaturate by 10%, it is $76.1395, 0.3506, 0.3686$.

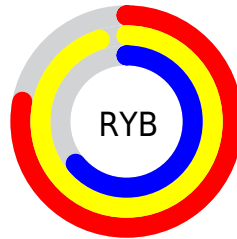
Distribution



Red (95%)

Green (85%)

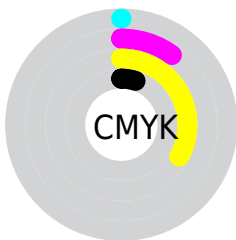
Blue (64%)



Red (78%)

Yellow (95%)

Blue (64%)

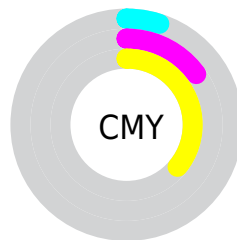


Cyan (0%)

Magenta (10%)

Yellow (33%)

Black (5%)



Cyan (5%)


Magenta (15%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1473, 0.3698, 0.3867 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 71.1473, 0.3698, 0.3867 by changing the saturation by 10% instead.


 71.1473, 0.3698,
0.3867


 71.1473, 0.3698,
0.3867


464.5682, 0.3435,
0.3602

 52.4624, 0.3757,
0.3926

 120.8434, 0.3607,
0.3776

 37.3738, 0.3829,
0.3998


 152.6235, 0.3572,
0.3740

 25.4970, 0.3919,
0.4088


189.5374, 0.3541,
0.3710

 16.4477, 0.4033,
0.4201

231.9695, 0.3515,
0.3683

 9.8415, 0.4181,
0.4348

280.3042, 0.3491,
0.3659

 5.2940, 0.4377,
0.4538

334.9260, 0.3470,

 2.4208, 0.4886,

0.3638

0.5044

396.2192, 0.3452,
0.3619

0.8366, 0.4942,
0.5058

0.0000, 0.0000,
0.0000

71.1473, 0.3698,
0.3867

71.1473, 0.3698,
0.3867

66.5105, 0.3900,
0.4044

76.1395, 0.3506,
0.3686

62.2074, 0.4108,
0.4207

81.4884, 0.3329,
0.3506

58.2283, 0.4313,
0.4346

87.2078, 0.3167,
0.3334

54.5588, 0.4506,
0.4450

92.9945, 0.3049,
0.3218

■ 51.1829, 0.4676,
0.4507

■ 97.6143, 0.3047,
0.3290

■ 48.0816, 0.4816,
0.4514

■ 45.9533, 0.4901,
0.4491

Harmonies

Analogous

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



71.1473, 0.3845, 0.3647



71.1473, 0.3698, 0.3867



71.1473, 0.3400, 0.3939

Triad

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



71.1473, 0.3698, 0.3867



71.1473, 0.2507, 0.3164



71.1473, 0.3184, 0.2838

Complementary

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



71.1473, 0.3698, 0.3867



50.1558, 0.2580, 0.2635

Split Complementary

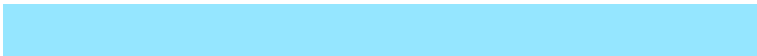
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.1473, 0.2830, 0.2712



71.1473, 0.3698, 0.3867



71.1473, 0.2457, 0.2878

Square

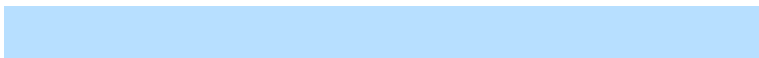
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1473, 0.3698, 0.3867



71.1473, 0.2716, 0.3515



71.1473, 0.2571, 0.2721



71.1473, 0.3540, 0.3068

Rectangle

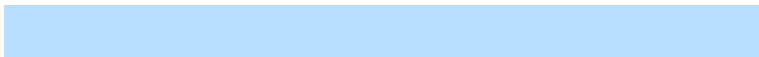
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.1473, 0.3698, 0.3867



71.1473, 0.3160, 0.3876



71.1473, 0.2571, 0.2721



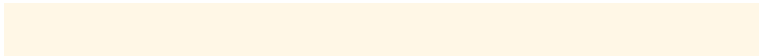
71.1473, 0.3060, 0.2783

Sweetspot

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



71.1506, 0.3698, 0.3867



93.4280, 0.3285, 0.3461



48.7036, 0.3643, 0.3018



19.8070, 0.3309, 0.3485



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



71.1506, 0.3698, 0.3867



76.7166, 0.3828, 0.3983



82.5522, 0.3516, 0.4135



17.5669, 0.3276, 0.3451



24.9465, 0.4886, 0.4502



2.2531, 0.4772, 0.4593

Inverse Universe

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



50.1558, 0.2580, 0.2635



49.7823, 0.2462, 0.2479



42.0120, 0.2646, 0.2347



16.0444, 0.2980, 0.3124



6.4756, 0.1622, 0.1037



0.7107, 0.1694, 0.1297

Previews

White Background



This preview shows how the Yxy color 71.1473, 0.3698, 0.3867 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 71.1473, 0.3698, 0.3867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

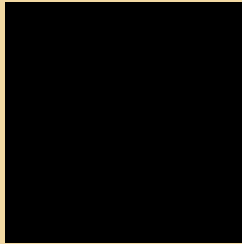
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1473, 0.3698, 0.3867

Background



This preview shows how black text looks on a background with the Yxy color 71.1473, 0.3698, 0.3867.



This preview shows how white text looks on a background with the Yxy color 71.1473, 0.3698, 0.3867.

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

71.1473, 0.3698, 0.3867

Protanopia

71.0055, 0.3630, 0.3888

Deuteranopia

71.2872, 0.3759, 0.3715



Tritanopia

71.1769, 0.3315, 0.3127

Trichromacy



Original Color

71.1473, 0.3698, 0.3867

Protanomaly

71.0003, 0.3656, 0.3873

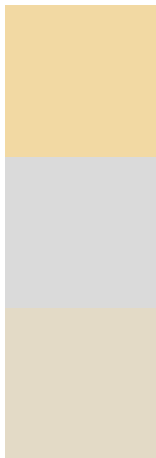
Deuteranomaly

71.2443, 0.3735, 0.3772

Tritanomaly

70.9441, 0.3456, 0.3396

Monochromacy



Original Color

71.1473, 0.3698, 0.3867

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.5509, 0.3330, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1473, 0.3698, 0.3867 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(242, 217, 163)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 163)  
}
```

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(242, 217, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 163) }
```

Border

The CSS property to change the border of an element to Yxy 71.1473, 0.3698, 0.3867 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(242, 217, 163) }
```

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

```
.border{ border-color:rgb(242, 217, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 217, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 217, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 217, 163); box-shadow:4px 4px 4px 4px rgb(242, 217, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1473, 0.3698, 0.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 163) }
```

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

```
.background{ background-color: rgb(242,  
217, 163) }
```

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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