

Converting Colors

$Y_{xy}(78.3915, 0.4059, 0.3890)$

Have a look what the booklet for
Yxy(78.3915, 0.4059, 0.3890)
contains.

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Color

Yxy(73.2188, 0.3864, 0.3936)

Conversions

Conversions Part 1

Format	Color
Hex	FFD99A
RGB	255, 217, 154
RGB Percent	100%, 85%, 60%
CMY	0.0001, 0.1490, 0.3960
CMYK	0.00, 0.15, 0.40, 0.00
HSL	37°, 100%, 80%
HSV	37°, 40%, 100%
XYZ	71.8794, 73.2188, 40.9251
YIQ	221.1800, 42.8710, -11.5370

Conversions

Conversions Part 2

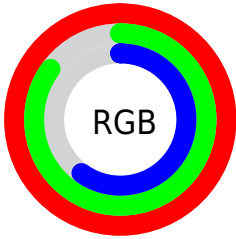
Format	Color
R _Y B	215, 255, 154
Decimal	16767386
CIE Lab	88.55, 4.88, 35.93
CIE LCh	89, 36.257, 82.259
Yxy	73.2188, 0.3864, 0.3936
Android (android.graphics.Color)	4294957466 (0xFFFFD99A)
YUV	221.1800, -33.1197, 29.6601
Hunter-Lab	85.5680, 0.2009, 31.5406

Details

The Yxy color **73.2188, 0.3864, 0.3936** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.7809, 0.2463, 0.2539**, and the grayscale version is **72.6554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3834, 0.3400, 0.3741**, and **38.6703, 0.4035, 0.4069** is the 20% darker color. If you saturate the color by 10%, you get **67.6606, 0.4087, 0.4092**, and if you desaturate by 10%, it is **79.2514, 0.3653, 0.3770**.

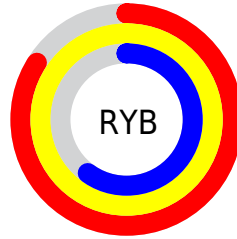
Distribution



Red (100%)

Green (85%)

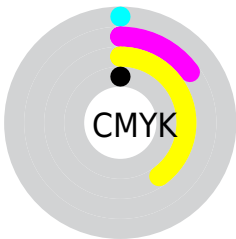
Blue (60%)



Red (84%)

Yellow (100%)

Blue (60%)

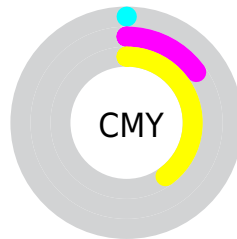


Cyan (0%)

Magenta (15%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2188, 0.3864, 0.3936 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 73.2188, 0.3864, 0.3936 by changing the saturation by 10% instead.


 73.2188, 0.3864,
0.3936


 73.2188, 0.3864,
0.3936

471.7728, 0.3527,
0.3647

 54.1549, 0.3939,
0.3998

 123.7878, 0.3749,
0.3838

 38.7255, 0.4029,
0.4073

 156.0616, 0.3703,
0.3799

 26.5463, 0.4141,
0.4164


193.5076, 0.3664,
0.3766

 17.2327, 0.4280,
0.4274

236.5101, 0.3630,
0.3736

 10.4006, 0.4457,
0.4409

285.4534, 0.3599,
0.3710

 5.6653, 0.4682,
0.4568

340.7221, 0.3572,

 2.6427, 0.5115,

0.3686

0.4885

402.7004, 0.3548,
0.3665

■ 0.9482, 0.5211,
0.4789

■ 0.0000, 0.0000,
0.0000

■ 73.2188, 0.3864,
0.3936

■ 73.2188, 0.3864,
0.3936

■ 67.6606, 0.4087,
0.4092

■ 79.2514, 0.3653,
0.3770

■ 62.5503, 0.4315,
0.4228

■ 85.7633, 0.3457,
0.3603

■ 57.8734, 0.4538,
0.4332

■ 92.7723, 0.3280,
0.3439

■ 53.6101, 0.4744,
0.4392

99.9947, 0.3127,
0.3290

■ 49.7377, 0.4921,
0.4400

■ 46.2234, 0.5065,
0.4358

■ 46.0864, 0.5070,
0.4356

Harmonies

Analogous

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



73.2188, 0.3999, 0.3642



73.2188, 0.3864, 0.3936



73.2188, 0.3531, 0.4076

Triad

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



73.2188, 0.3864, 0.3936



73.2188, 0.2423, 0.3215



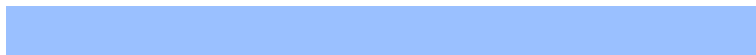
73.2188, 0.3103, 0.2713

Complementary

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



73.2188, 0.3864, 0.3936



51.7809, 0.2463, 0.2539

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.



73.2188, 0.2696, 0.2593



73.2188, 0.3864, 0.3936



73.2188, 0.2326, 0.2847

Square

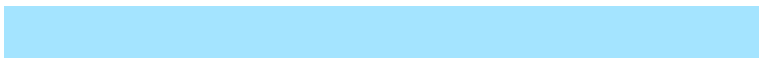
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2188, 0.3864, 0.3936



73.2188, 0.2700, 0.3645



73.2188, 0.2422, 0.2633



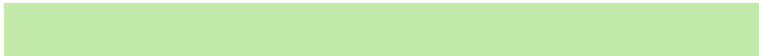
73.2188, 0.3544, 0.2962

Rectangle

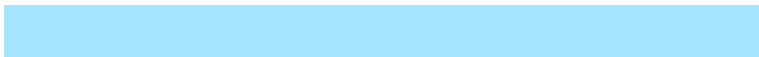
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2188, 0.3864, 0.3936



73.2188, 0.3249, 0.4039



73.2188, 0.2422, 0.2633



73.2188, 0.2957, 0.2657

Sweetspot

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



73.2222, 0.3864, 0.3936



91.0611, 0.3321, 0.3478



48.2113, 0.3738, 0.2889



19.2921, 0.3344, 0.3499



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.



73.2222, 0.3864, 0.3936



68.5324, 0.4051, 0.4068



92.9255, 0.3641, 0.4304



19.8757, 0.3279, 0.3438



24.3835, 0.5052, 0.4371



2.5844, 0.4928, 0.4469

Inverse Universe

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



51.7809, 0.2463, 0.2539



44.2631, 0.2315, 0.2344



38.4224, 0.2470, 0.2096



18.4968, 0.2979, 0.3138



8.3957, 0.1664, 0.1190



1.0194, 0.1726, 0.1414

Previews

White Background



This preview shows how the Yxy color 73.2188, 0.3864, 0.3936 looks on a white background.

Color Contrast Check

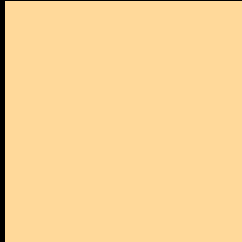
Large Text (above 18pt) WCAG AA × Fail

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 73.2188, 0.3864, 0.3936 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 73.2188, 0.3864, 0.3936

Background



This preview shows how black text looks on a background with the Yxy color 73.2188, 0.3864, 0.3936.



This preview shows how white text looks on a background with the Yxy color 73.2188, 0.3864, 0.3936.

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

73.2188, 0.3864, 0.3936

Protanopia

73.1681, 0.3715, 0.3994

Deuteranopia

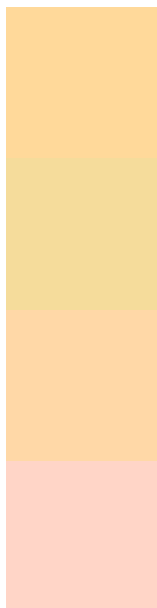
72.9560, 0.3719, 0.3703



Tritanopia

73.2303, 0.3365, 0.3160

Trichromacy



Original Color

73.2188, 0.3864, 0.3936

Protanomaly

72.9654, 0.3768, 0.3975

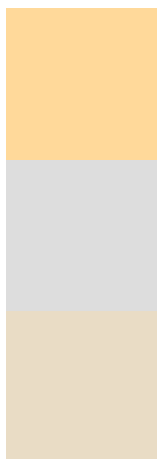
Deuteranomaly

73.1618, 0.3775, 0.3795

Tritanomaly

72.9720, 0.3546, 0.3435

Monochromacy



Original Color

73.2188, 0.3864, 0.3936

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.5413, 0.3379, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2188, 0.3864, 0.3936 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(255, 217, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 154)  
}
```

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(255, 217, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 154) }
```

Border

The CSS property to change the border of an element to Yxy 73.2188, 0.3864, 0.3936 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(255, 217, 154) }
```

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

```
.border{ border-color:rgb(255, 217, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2188, 0.3864, 0.3936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 154) }
```

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

```
.background{ background-color: rgb(255,  
217, 154) }
```

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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