

Converting Colors

$Y_{xy}(76.6494, 0.4054, 0.3869)$

Have a look what the booklet for
Yxy(76.6494, 0.4054, 0.3869)
contains.

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Color

Yxy(72.1940, 0.3872, 0.3917)

Conversions

Conversions Part 1

Format	Color
Hex	FFD79A
RGB	255, 215, 154
RGB Percent	100%, 84%, 60%
CMY	0.0001, 0.1568, 0.3960
CMYK	0.00, 0.16, 0.40, 0.00
HSL	36°, 100%, 80%
HSV	36°, 40%, 100%
XYZ	71.3646, 72.1940, 40.7508
YIQ	220.0060, 43.4210, -10.4910

Conversions

Conversions Part 2

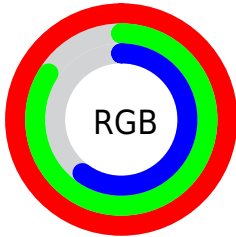
Format	Color
R _Y B	220, 255, 154
Decimal	16766874
CIE Lab	88.06, 5.91, 35.29
CIE LCh	88, 35.778, 80.498
Yxy	72.1940, 0.3872, 0.3917
Android (android.graphics.Color)	4294956954 (0xFFFFD79A)
YUV	220.0060, -32.5410, 30.6897
Hunter-Lab	84.9671, 1.2314, 31.0410

Details

The Yxy color $72.1940, 0.3872, 0.3917$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $52.6556, 0.2466, 0.2564$, and the grayscale version is $71.7840, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.3834, 0.3400, 0.3741$, and $37.9712, 0.4048, 0.4045$ is the 20% darker color. If you saturate the color by 10%, you get $66.4545, 0.4101, 0.4069$, and if you desaturate by 10%, it is $78.4375, 0.3657, 0.3756$.

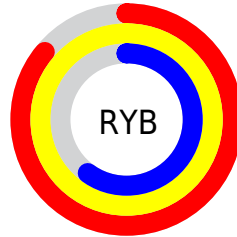
Distribution



Red (100%)

Green (84%)

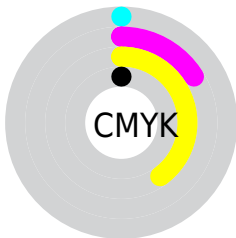
Blue (60%)



Red (86%)

Yellow (100%)

Blue (60%)

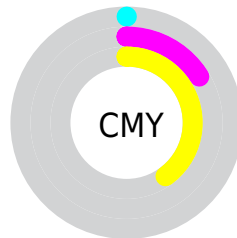


Cyan (0%)

Magenta (16%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1940, 0.3872, 0.3917 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 72.1940, 0.3872, 0.3917 by changing the saturation by 10% instead.


 72.1940, 0.3872,
0.3917


 72.1940, 0.3872,
0.3917


468.2166, 0.3530,
0.3636

 53.3172, 0.3948,
0.3978


 122.3323, 0.3755,
0.3822

 38.0560, 0.4041,
0.4050

 154.3626, 0.3709,
0.3785

 26.0262, 0.4155,
0.4138


191.5461, 0.3669,
0.3752

 16.8432, 0.4299,
0.4245

234.2673, 0.3634,
0.3723

 10.1228, 0.4482,
0.4375

282.9105, 0.3603,
0.3697

 5.4804, 0.4717,
0.4527

337.8602, 0.3576,

 2.5318, 0.5169,

0.3675

0.4831

399.5008, 0.3552,
0.3654

0.8925, 0.5288,
0.4712

0.0000, 0.0000,
0.0000

72.1940, 0.3872,
0.3917

72.1940, 0.3872,
0.3917

66.4545, 0.4101,
0.4069

78.4375, 0.3657,
0.3756

61.1919, 0.4336,
0.4201

85.1910, 0.3459,
0.3593

56.3906, 0.4567,
0.4301

92.4730, 0.3281,
0.3435

52.0302, 0.4782,
0.4357

99.9934, 0.3127,
0.3290

■ 48.0869, 0.4969,
0.4360

■ 44.5270, 0.5121,
0.4313

■ 44.3891, 0.5127,
0.4311

Harmonies

Analogous

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



72.1940, 0.3992, 0.3620



72.1940, 0.3872, 0.3917



72.1940, 0.3551, 0.4067

Triad

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



72.1940, 0.3872, 0.3917



72.1940, 0.2440, 0.3240



72.1940, 0.3077, 0.2706

Complementary

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



72.1940, 0.3872, 0.3917



52.6556, 0.2466, 0.2564

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.



72.1940, 0.2680, 0.2596



72.1940, 0.3872, 0.3917



72.1940, 0.2332, 0.2869

Square

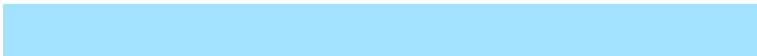
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1940, 0.3872, 0.3917



72.1940, 0.2725, 0.3666



72.1940, 0.2417, 0.2646



72.1940, 0.3516, 0.2947

Rectangle

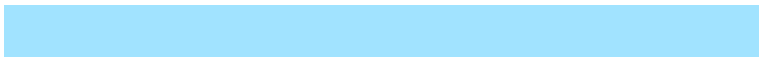
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1940, 0.3872, 0.3917



72.1940, 0.3274, 0.4040



72.1940, 0.2417, 0.2646



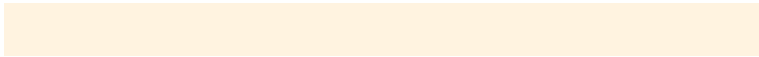
72.1940, 0.2934, 0.2653

Sweetspot

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



72.1974, 0.3872, 0.3917



90.6998, 0.3322, 0.3472



48.2823, 0.3721, 0.2871



19.2069, 0.3345, 0.3493



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.



72.1974, 0.3872, 0.3917



67.3579, 0.4063, 0.4046



93.2207, 0.3653, 0.4300



19.8136, 0.3279, 0.3433



23.5010, 0.5108, 0.4326



2.5016, 0.4975, 0.4432

Inverse Universe

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



52.6556, 0.2466, 0.2564



45.2358, 0.2320, 0.2375



38.2380, 0.2459, 0.2092



18.5570, 0.2979, 0.3142



8.8973, 0.1680, 0.1246



1.0723, 0.1742, 0.1470

Previews

White Background



This preview shows how the Yxy color 72.1940, 0.3872, 0.3917 looks on a white background.

Color Contrast Check

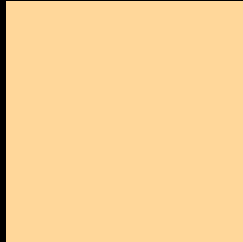
Large Text (above 18pt) WCAG AA × Fail

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 72.1940, 0.3872, 0.3917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

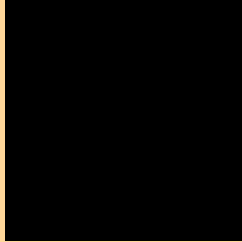
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.1940, 0.3872, 0.3917

Background



This preview shows how black text looks on a background with the Yxy color 72.1940, 0.3872, 0.3917.



This preview shows how white text looks on a background with the Yxy color 72.1940, 0.3872, 0.3917.

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

72.1940, 0.3872, 0.3917

Protanopia

72.2903, 0.3702, 0.3988

Deuteranopia

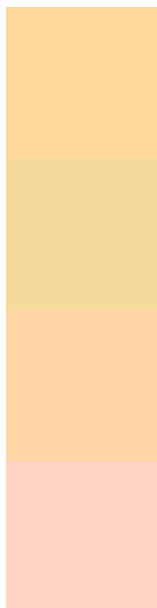
72.3317, 0.3745, 0.3724



Tritanopia

72.1349, 0.3382, 0.3159

Trichromacy



Original Color

72.1940, 0.3872, 0.3917

Protanomaly

72.2627, 0.3763, 0.3967

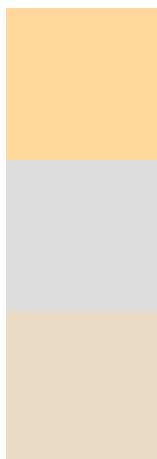
Deuteranomaly

72.0697, 0.3796, 0.3796

Tritanomaly

71.8797, 0.3566, 0.3435

Monochromacy



Original Color

72.1940, 0.3872, 0.3917

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.4520, 0.3390, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1940, 0.3872, 0.3917 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, 215, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 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, 215, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 154) }
```

Border

The CSS property to change the border of an element to Yxy 72.1940, 0.3872, 0.3917 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, 215, 154) }
```

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

```
.border{ border-color:rgb(255, 215, 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, 215, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1940, 0.3872, 0.3917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 154) }
```

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

```
.background{ background-color: rgb(255,  
215, 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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