

Converting Colors

$Y_{xy}(72.4553, 0.3969, 0.4075)$

Have a look what the booklet for
Yxy(72.4553, 0.3969, 0.4075)
contains.

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Color

Yxy(72.2358, 0.3973, 0.4073)

Conversions

Conversions Part 1

Format	Color
Hex	FFD88B
RGB	255, 216, 139
RGB Percent	100%, 85%, 55%
CMY	0.0000, 0.1529, 0.4549
CMYK	0.00, 0.15, 0.45, 0.00
HSL	40°, 100%, 77%
HSV	40°, 45%, 100%
XYZ	70.4623, 72.2358, 34.6547
YIQ	218.8830, 47.9610, -15.6790

Conversions

Conversions Part 2

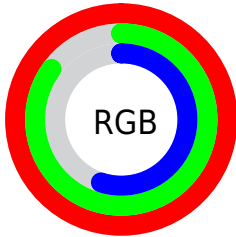
Format	Color
RYB	198, 255, 139
Decimal	16767115
CIELab	88.08, 3.90, 42.90
CIELCh	88, 43.076, 84.811
Yxy	72.2358, 0.3973, 0.4073
Android (android.graphics.Color)	4294957195 (0xFFFFD88B)
YUV	218.8830, -39.3823, 31.6746
Hunter-Lab	84.9916, -0.7501, 35.3191

Details

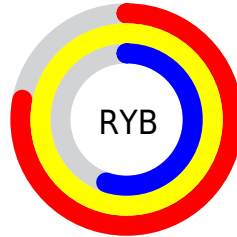
The Yxy color **72.2358, 0.3973, 0.4073** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.5510, 0.2348, 0.2344**, and the grayscale version is **71.0048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6303, 0.3496, 0.3900**, and **37.9136, 0.4159, 0.4235** is the 20% darker color. If you saturate the color by 10%, you get **67.2951, 0.4187, 0.4227**, and if you desaturate by 10%, it is **77.5777, 0.3763, 0.3903**.

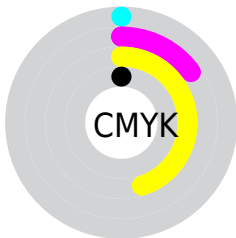
Distribution



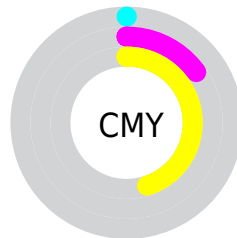
- Red (100%)
- Green (85%)
- Blue (55%)



- Red (78%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.2358, 0.3973, 0.4073 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 72.2358, 0.3973, 0.4073 by changing the saturation by 10% instead.


 72.2358, 0.3973,
0.4073


 72.2358, 0.3973,
0.4073


468.3619, 0.3589,
0.3724

 53.3513, 0.4056,
0.4147


 122.3917, 0.3843,
0.3956

 38.0833, 0.4156,
0.4235


 154.4319, 0.3791,
0.3909

 26.0473, 0.4277,
0.4339


 191.6262, 0.3746,
0.3868

 16.8591, 0.4424,
0.4463

234.3589, 0.3707,
0.3833

 10.1341, 0.4603,
0.4608

283.0144, 0.3673,
0.3801

 5.4879, 0.4855,
0.4807

337.9772, 0.3642,

 2.5363, 0.5069,

0.3772

0.4931

399.6315, 0.3614,
0.3747

0.8948, 0.5149,
0.4851

0.0000, 0.0000,
0.0000

72.2358, 0.3973,
0.4073

72.2358, 0.3973,
0.4073

67.2951, 0.4187,
0.4227

77.5777, 0.3763,
0.3903

62.7427, 0.4398,
0.4353

83.3381, 0.3564,
0.3726

58.5603, 0.4594,
0.4440

89.5295, 0.3380,
0.3550

54.7280, 0.4766,
0.4478

96.1645, 0.3212,
0.3380

■ 51.2221, 0.4904,
0.4464

100.0000, 0.3127,
0.3290

■ 49.7337, 0.4958,
0.4445

Harmonies

Analogous

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



72.2358, 0.4164, 0.3728



72.2358, 0.3973, 0.4073



72.2358, 0.3558, 0.4235

Triad

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



72.2358, 0.3973, 0.4073



72.2358, 0.2277, 0.3150



72.2358, 0.3139, 0.2633

Complementary

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



72.2358, 0.3973, 0.4073



44.5510, 0.2348, 0.2344

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.



72.2358, 0.2651, 0.2477



72.2358, 0.3973, 0.4073



72.2358, 0.2186, 0.2729

Square

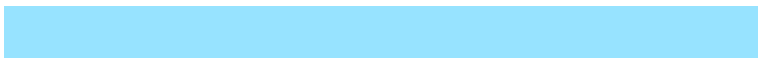
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.2358, 0.3973, 0.4073



72.2358, 0.2582, 0.3673



72.2358, 0.2316, 0.2502



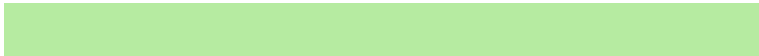
72.2358, 0.3664, 0.2931

Rectangle

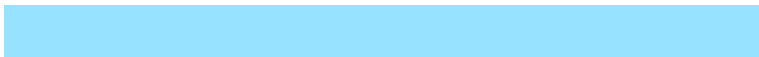
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.2358, 0.3973, 0.4073



72.2358, 0.3220, 0.4180



72.2358, 0.2316, 0.2502



72.2358, 0.2965, 0.2563

Sweetspot

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



72.2349, 0.3973, 0.4073



90.4895, 0.3354, 0.3524



43.0046, 0.3915, 0.2870



19.0716, 0.3392, 0.3562



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.



72.2349, 0.3973, 0.4073



67.5279, 0.4177, 0.4220



91.4921, 0.3683, 0.4460



20.0014, 0.3278, 0.3447



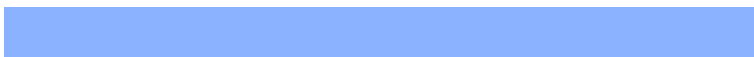
26.2738, 0.4942, 0.4458



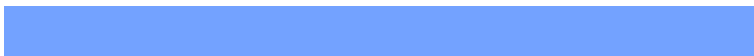
2.7600, 0.4835, 0.4543

Inverse Universe

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



44.5510, 0.2348, 0.2344



36.6554, 0.2179, 0.2103



32.7935, 0.2379, 0.1900



18.3757, 0.2979, 0.3128



7.4737, 0.1634, 0.1083



0.9198, 0.1696, 0.1306

Previews

White Background



This preview shows how the Yxy color 72.2358, 0.3973, 0.4073 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 72.2358, 0.3973, 0.4073 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 72.2358, 0.3973, 0.4073

Background



This preview shows how black text looks on a background with the Yxy color 72.2358, 0.3973, 0.4073.



This preview shows how white text looks on a background with the Yxy color 72.2358, 0.3973, 0.4073.

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

72.2358, 0.3973, 0.4073

Protanopia

72.3368, 0.3827, 0.4136

Deuteranopia

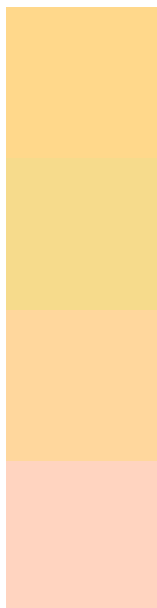
72.1803, 0.3774, 0.3765



Tritanopia

72.1349, 0.3382, 0.3159

Trichromacy



Original Color

72.2358, 0.3973, 0.4073

Protanomaly

72.1493, 0.3882, 0.4114

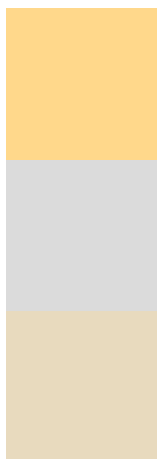
Deuteranomaly

72.2952, 0.3851, 0.3887

Tritanomaly

72.1527, 0.3601, 0.3497

Monochromacy



Original Color

72.2358, 0.3973, 0.4073

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.0163, 0.3425, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2358, 0.3973, 0.4073 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, 216, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 139)  
}
```

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, 216, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 139) }
```

Border

The CSS property to change the border of an element to Yxy 72.2358, 0.3973, 0.4073 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, 216, 139) }
```

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

```
.border{ border-color:rgb(255, 216, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
139) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.2358, 0.3973, 0.4073$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 139) }
```

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

```
.background{ background-color: rgb(255,  
216, 139) }
```

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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