

Converting Colors

$Y_{xy}(72.1984, 0.3790, 0.3790)$

Have a look what the booklet for
Yxy(72.1984, 0.3790, 0.3790)
contains.

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Color

Yxy(72.1063, 0.3789, 0.3786)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6A6
RGB	255, 214, 166
RGB Percent	100%, 84%, 65%
CMY	0.0001, 0.1607, 0.3491
CMYK	0.00, 0.16, 0.35, 0.00
HSL	32°, 100%, 83%
HSV	32°, 35%, 100%
XYZ	72.1634, 72.1063, 46.1854
YIQ	220.7870, 39.8440, -6.2360

Conversions

Conversions Part 2

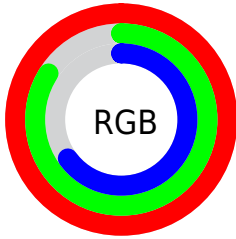
Format	Color
RYB	242, 255, 166
Decimal	16766630
CIELab	88.02, 7.78, 29.07
CIELCh	88, 30.095, 75.024
Yxy	72.1063, 0.3789, 0.3786
Android (android.graphics.Color)	4294956710 (0xFFFFD6A6)
YUV	220.7870, -27.0100, 30.0048
Hunter-Lab	84.9154, 3.0921, 27.1931

Details

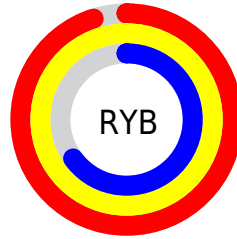
The Yxy color $72.1063, 0.3789, 0.3786$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $59.9295, 0.2558, 0.2734$, and the grayscale version is $72.3216, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.0005, 0.3327, 0.3621$, and $37.8815, 0.3943, 0.3883$ is the 20% darker color. If you saturate the color by 10%, you get $65.5353, 0.4027, 0.3928$, and if you desaturate by 10%, it is $79.2977, 0.3571, 0.3639$.

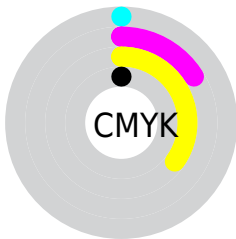
Distribution



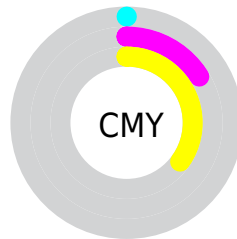
- Red (100%)
- Green (84%)
- Blue (65%)



- Red (95%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1063, 0.3789, 0.3786 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 72.1063, 0.3789, 0.3786 by changing the saturation by 10% instead.


 72.1063, 0.3789,
0.3786


 72.1063, 0.3789,
0.3786


467.9115, 0.3482,
0.3564

 53.2455, 0.3858,
0.3834


 122.2076, 0.3683,
0.3711

 37.9988, 0.3943,
0.3892


 154.2170, 0.3642,
0.3681

 25.9818, 0.4049,
0.3963


191.3780, 0.3606,
0.3655

 16.8100, 0.4186,
0.4051

234.0750, 0.3575,
0.3632

 10.0991, 0.4365,
0.4161

282.6925, 0.3548,
0.3612

 5.4647, 0.4606,
0.4296

337.6148, 0.3523,

 2.5224, 0.5126,

0.3594

0.4619

399.2264, 0.3502,
0.3578

0.8878, 0.5415,
0.4585

0.0000, 0.0000,
0.0000

72.1063, 0.3789,
0.3786

72.1063, 0.3789,
0.3786

65.5353, 0.4027,
0.3928

79.2977, 0.3571,
0.3639

59.5547, 0.4281,
0.4057

87.1182, 0.3377,
0.3494

54.1463, 0.4543,
0.4159

95.5890, 0.3204,
0.3355

49.2869, 0.4798,
0.4224

99.9964, 0.3127,
0.3290

■ 44.9505, 0.5032,
0.4238

■ 41.1070, 0.5229,
0.4197

■ 39.3191, 0.5318,
0.4160

Harmonies

Analogous

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



72.1063, 0.3849, 0.3524



72.1063, 0.3789, 0.3786



72.1063, 0.3547, 0.3933

Triad

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



72.1063, 0.3789, 0.3786



72.1063, 0.2579, 0.3317



72.1063, 0.3021, 0.2765

Complementary

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



72.1063, 0.3789, 0.3786



59.9295, 0.2558, 0.2734

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.



72.1063, 0.2698, 0.2696



72.1063, 0.3789, 0.3786



72.1063, 0.2455, 0.2989

Square

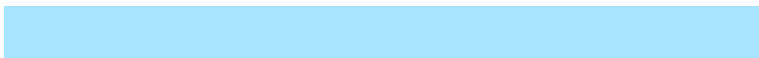
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1063, 0.3789, 0.3786



72.1063, 0.2847, 0.3662



72.1063, 0.2498, 0.2770



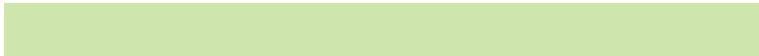
72.1063, 0.3391, 0.2955

Rectangle

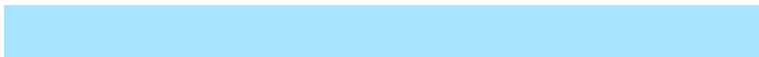
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1063, 0.3789, 0.3786



72.1063, 0.3321, 0.3931



72.1063, 0.2498, 0.2770



72.1063, 0.2903, 0.2727

Sweetspot

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



72.1097, 0.3789, 0.3786



91.2027, 0.3289, 0.3425



53.0558, 0.3571, 0.2862



19.2679, 0.3314, 0.3445



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.



72.1097, 0.3789, 0.3786



67.3917, 0.3956, 0.3888



94.9588, 0.3634, 0.4169



19.6111, 0.3281, 0.3418



20.8509, 0.5294, 0.4178



2.2488, 0.5134, 0.4305

Inverse Universe

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



59.9295, 0.2558, 0.2734



53.5314, 0.2439, 0.2598



42.9180, 0.2511, 0.2244



18.7557, 0.2979, 0.3158



10.7588, 0.1735, 0.1444



1.2632, 0.1794, 0.1659

Previews

White Background



This preview shows how the Yxy color 72.1063, 0.3789, 0.3786 looks on a white background.

Color Contrast Check

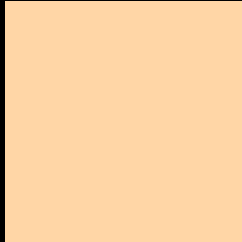
Large Text (above 18pt) WCAG AA × Fail

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 72.1063, 0.3789, 0.3786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

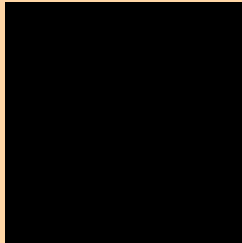
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.1063, 0.3789, 0.3786

Background



This preview shows how black text looks on a background with the Yxy color 72.1063, 0.3789, 0.3786.



This preview shows how white text looks on a background with the Yxy color 72.1063, 0.3789, 0.3786.

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

72.1063, 0.3789, 0.3786

Protanopia

72.4103, 0.3597, 0.3852

Deuteranopia

71.9831, 0.3718, 0.3673



Tritanopia

72.1349, 0.3382, 0.3159

Trichromacy



Original Color

72.1063, 0.3789, 0.3786

Protanomaly

72.0246, 0.3667, 0.3822

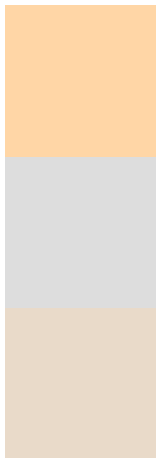
Deuteranomaly

71.8271, 0.3748, 0.3714

Tritanomaly

72.1128, 0.3528, 0.3383

Monochromacy



Original Color

72.1063, 0.3789, 0.3786

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.6835, 0.3354, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1063, 0.3789, 0.3786 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, 214, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 166)  
}
```

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, 214, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 166) }
```

Border

The CSS property to change the border of an element to Yxy 72.1063, 0.3789, 0.3786 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, 214, 166) }
```

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

```
.border{ border-color:rgb(255, 214, 166) }
```

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

Here you see how a box with a 4 pixel rgb(255, 214, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1063, 0.3789, 0.3786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 166) }
```

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

```
.background{ background-color: rgb(255,  
214, 166) }
```

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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