

Converting Colors

$Y_{xy}(72.4576, 0.3734, 0.3711)$

Have a look what the booklet for
Yxy(72.4576, 0.3734, 0.3711)
contains.

Yxy(72.3703, 0.3737, 0.3714)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.3703, 0.3737, 0.3714)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6AD
RGB	255, 214, 173
RGB Percent	100%, 84%, 68%
CMY	0.0002, 0.1607, 0.3215
CMYK	0.00, 0.16, 0.32, 0.00
HSL	30°, 100%, 84%
HSV	30°, 32%, 100%
XYZ	72.8185, 72.3703, 49.6693
YIQ	221.5850, 37.5970, -4.0590

Conversions

Conversions Part 2

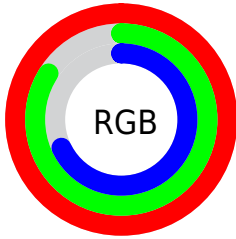
Format	Color
R _Y B	255, 255, 173
Decimal	16766637
CIE Lab	88.15, 8.61, 25.60
CIE LCh	88, 27.011, 71.420
Yxy	72.3703, 0.3737, 0.3714
Android (android.graphics.Color)	4294956717 (0xFFFFD6AD)
YUV	221.5850, -23.9524, 29.3050
Hunter-Lab	85.0707, 3.9179, 24.9325

Details

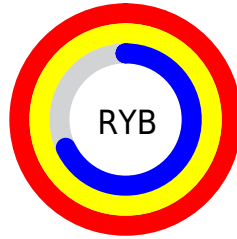
The Yxy color $72.3703, 0.3737, 0.3714$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $64.1677, 0.2609, 0.2823$, and the grayscale version is $72.8911, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.4371, 0.3280, 0.3542$, and $38.0227, 0.3885, 0.3806$ is the 20% darker color. If you saturate the color by 10%, you get $65.2814, 0.3978, 0.3849$, and if you desaturate by 10%, it is $80.1583, 0.3520, 0.3577$.

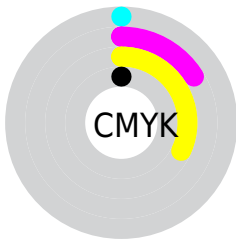
Distribution



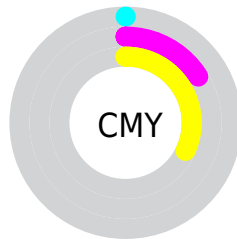
- Red (100%)
- Green (84%)
- Blue (68%)



- Red (100%)
- Yellow (100%)
- Blue (68%)



- Cyan (0%)
- Magenta (16%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (16%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3703, 0.3737, 0.3714 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 72.3703, 0.3737, 0.3714 by changing the saturation by 10% instead.


 72.3703, 0.3737,
0.3714

 72.3703, 0.3737,
0.3714


468.8295, 0.3454,
0.3524

 53.4612, 0.3801,
0.3755


 122.5829, 0.3639,
0.3650

 38.1711, 0.3881,
0.3805


154.6551, 0.3601,
0.3624

 26.1155, 0.3980,
0.3867


191.8839, 0.3568,
0.3602

 16.9101, 0.4109,
0.3943

234.6536, 0.3539,
0.3582

 10.1704, 0.4280,
0.4039

283.3486, 0.3514,
0.3565

 5.5121, 0.4516,
0.4160

338.3533, 0.3492,

 2.5507, 0.4937,

0.3550

0.4380

400.0522, 0.3472,
0.3536

■ 0.9020, 0.5468,
0.4532

■ 0.0000, 1.0000,
0.0000

■ 72.3703, 0.3737,
0.3714

■ 72.3703, 0.3737,
0.3714

■ 65.2814, 0.3978,
0.3849

■ 80.1583, 0.3520,
0.3577

■ 58.8594, 0.4241,
0.3973

■ 88.6563, 0.3328,
0.3443

■ 53.0839, 0.4517,
0.4075

■ 97.8877, 0.3160,
0.3316

■ 47.9294, 0.4795,
0.4143

■ 99.9921, 0.3127,
0.3290

■ 43.3676, 0.5056,
0.4163

■ 39.3668, 0.5284,
0.4128

■ 36.5859, 0.5435,
0.4067

Harmonies

Analogous

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



72.3703, 0.3767, 0.3472



72.3703, 0.3737, 0.3714



72.3703, 0.3538, 0.3859

Triad

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



72.3703, 0.3737, 0.3714



72.3703, 0.2657, 0.3355



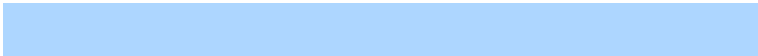
72.3703, 0.2994, 0.2802

Complementary

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



72.3703, 0.3737, 0.3714



64.1677, 0.2609, 0.2823

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.



72.3703, 0.2713, 0.2755



72.3703, 0.3737, 0.3714



72.3703, 0.2527, 0.3054

Square

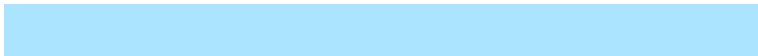
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.3703, 0.3737, 0.3714



72.3703, 0.2912, 0.3654



72.3703, 0.2547, 0.2840



72.3703, 0.3326, 0.2962

Rectangle

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



72.3703, 0.3737, 0.3714



72.3703, 0.3342, 0.3869



72.3703, 0.2547, 0.2840



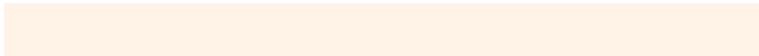
72.3703, 0.2891, 0.2772

Sweetspot

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



72.3737, 0.3737, 0.3714



90.6054, 0.3290, 0.3416



55.9966, 0.3501, 0.2870



19.1234, 0.3315, 0.3434



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.



72.3737, 0.3737, 0.3714



67.4618, 0.3900, 0.3807



95.7629, 0.3614, 0.4095



19.4892, 0.3282, 0.3409



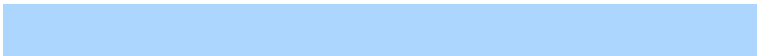
19.4226, 0.5409, 0.4087



2.1095, 0.5233, 0.4227

Inverse Universe

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



64.1677, 0.2609, 0.2823



58.0151, 0.2496, 0.2704



45.9928, 0.2549, 0.2334



18.8770, 0.2979, 0.3168



12.0538, 0.1770, 0.1572



1.3920, 0.1827, 0.1778

Previews

White Background



This preview shows how the Yxy color 72.3703, 0.3737, 0.3714 looks on a white background.

Color Contrast Check

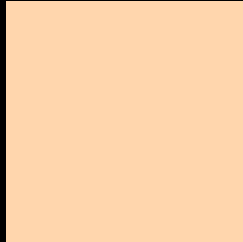
Large Text (above 18pt) WCAG AA × Fail

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 72.3703, 0.3737, 0.3714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

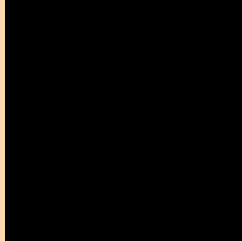
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.3703, 0.3737, 0.3714

Background



This preview shows how black text looks on a background with the Yxy color 72.3703, 0.3737, 0.3714.



This preview shows how white text looks on a background with the Yxy color 72.3703, 0.3737, 0.3714.

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

72.3703, 0.3737, 0.3714

Protanopia

72.5097, 0.3540, 0.3777

Deuteranopia

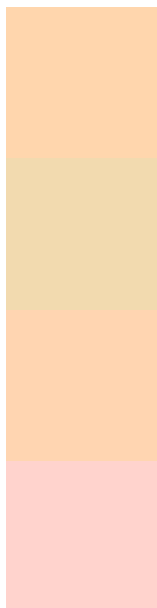
72.1438, 0.3688, 0.3632



Tritanopia

72.1886, 0.3375, 0.3149

Trichromacy



Original Color

72.3703, 0.3737, 0.3714

Protanomaly

72.1152, 0.3609, 0.3749

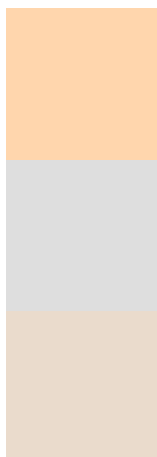
Deuteranomaly

72.0228, 0.3711, 0.3663

Tritanomaly

72.2563, 0.3505, 0.3352

Monochromacy



Original Color

72.3703, 0.3737, 0.3714

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.5151, 0.3339, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3703, 0.3737, 0.3714 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 173) }
```

Border

The CSS property to change the border of an element to Yxy 72.3703, 0.3737, 0.3714 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, 173) }
```

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

```
.border{ border-color:rgb(255, 214, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3703, 0.3737, 0.3714 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, 173) }
```

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

```
.background{ background-color: rgb(255,  
214, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor