

Converting Colors

$Y_{xy}(74.3729, 0.3788, 0.3785)$

Have a look what the booklet for
Yxy(74.3729, 0.3788, 0.3785)
contains.

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Color

Yxy(73.7129, 0.3764, 0.3795)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9A8
RGB	255, 217, 168
RGB Percent	100%, 85%, 66%
CMY	0.0001, 0.1489, 0.3412
CMYK	0.00, 0.15, 0.34, 0.00
HSL	34°, 100%, 83%
HSV	34°, 34%, 100%
XYZ	73.1108, 73.7129, 47.4132
YIQ	222.7760, 38.3770, -7.1830

Conversions

Conversions Part 2

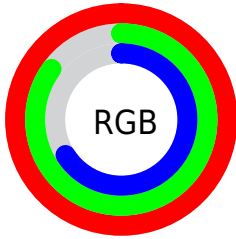
Format	Color
R _Y B	235, 255, 168
Decimal	16767400
CIE Lab	88.79, 6.46, 29.07
CIE LCh	89, 29.783, 77.475
Yxy	73.7129, 0.3764, 0.3795
Android (android.graphics.Color)	4294957480 (0xFFFFD9A8)
YUV	222.7760, -27.0046, 28.2604
Hunter-Lab	85.8562, 1.7531, 27.3571

Details

The Yxy color **73.7129, 0.3764, 0.3795** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.6527, 0.2568, 0.2724**, and the grayscale version is **73.7988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **38.9719, 0.3908, 0.3895** is the 20% darker color. If you saturate the color by 10%, you get **67.3141, 0.3995, 0.3944**, and if you desaturate by 10%, it is **80.6914, 0.3552, 0.3642**.

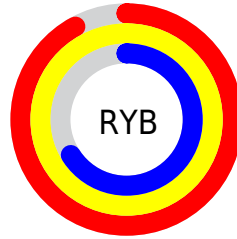
Distribution



Red (100%)

Green (85%)

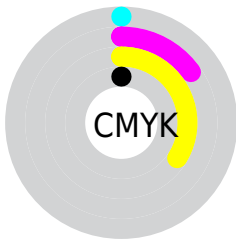
Blue (66%)



Red (92%)

Yellow (100%)

Blue (66%)

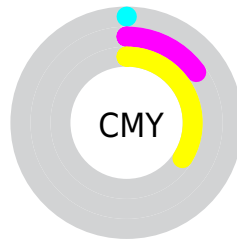


Cyan (0%)

Magenta (15%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7129, 0.3764, 0.3795 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 73.7129, 0.3764, 0.3795 by changing the saturation by 10% instead.


 73.7129, 0.3764,
0.3795


 73.7129, 0.3764,
0.3795

473.4819, 0.3471,
0.3568

 54.5591, 0.3830,
0.3844

 124.4887, 0.3663,
0.3718

 39.0488, 0.3911,
0.3904


 156.8796, 0.3623,
0.3688

 26.7977, 0.4012,
0.3977


194.4515, 0.3589,
0.3661

 17.4214, 0.4140,
0.4067

237.5890, 0.3559,
0.3638

 10.5354, 0.4309,
0.4181

286.6763, 0.3533,
0.3618

 5.7553, 0.4536,
0.4323

342.0980, 0.3510,

 2.6969, 0.4983,

0.3599

0.4620

404.2384, 0.3489,
0.3583

■ 0.9756, 0.5313,
0.4687

■ 0.0000, 1.0000,
0.0000

■ 73.7129, 0.3764,
0.3795

■ 73.7129, 0.3764,
0.3795

■ 67.3141, 0.3995,
0.3944

■ 80.6914, 0.3552,
0.3642

■ 61.4662, 0.4241,
0.4079

■ 88.2568, 0.3361,
0.3492

■ 56.1528, 0.4492,
0.4189

■ 96.4289, 0.3191,
0.3347

■ 51.3523, 0.4737,
0.4262

99.9938, 0.3127,
0.3290

■ 47.0405, 0.4960,
0.4287

■ 43.1895, 0.5150,
0.4256

■ 41.1186, 0.5246,
0.4216

Harmonies

Analogous

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



73.7129, 0.3839, 0.3544



73.7129, 0.3764, 0.3795



73.7129, 0.3515, 0.3926

Triad

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



73.7129, 0.3764, 0.3795



73.7129, 0.2572, 0.3289



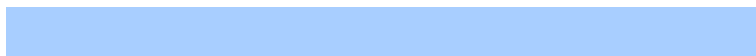
73.7129, 0.3052, 0.2785

Complementary

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



73.7129, 0.3764, 0.3795



59.6527, 0.2568, 0.2724

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.



73.7129, 0.2728, 0.2706



73.7129, 0.3764, 0.3795



73.7129, 0.2464, 0.2972

Square

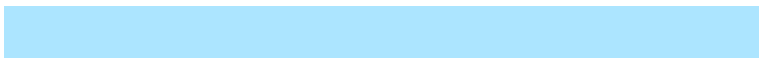
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7129, 0.3764, 0.3795



73.7129, 0.2826, 0.3630



73.7129, 0.2519, 0.2767



73.7129, 0.3415, 0.2980

Rectangle

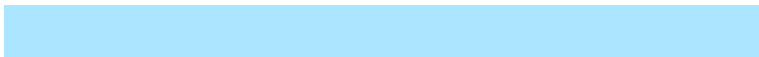
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7129, 0.3764, 0.3795



73.7129, 0.3289, 0.3913



73.7129, 0.2519, 0.2767



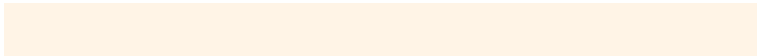
73.7129, 0.2935, 0.2744

Sweetspot

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



73.7163, 0.3764, 0.3795



91.5712, 0.3289, 0.3431



53.7656, 0.3571, 0.2887



19.3570, 0.3313, 0.3452



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.



73.7163, 0.3764, 0.3795



69.2675, 0.3921, 0.3898



94.7644, 0.3613, 0.4152



19.6863, 0.3280, 0.3424



21.7941, 0.5224, 0.4234



2.3396, 0.5074, 0.4353

Inverse Universe

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



59.6527, 0.2568, 0.2724



53.2552, 0.2450, 0.2586



44.0272, 0.2537, 0.2274



18.6815, 0.2979, 0.3152



10.0265, 0.1713, 0.1368



1.1890, 0.1774, 0.1587

Previews

White Background



This preview shows how the Yxy color 73.7129, 0.3764, 0.3795 looks on a white background.

Color Contrast Check

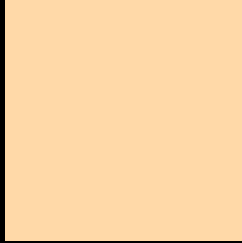
Large Text (above 18pt) WCAG AA × Fail

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 73.7129, 0.3764, 0.3795 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 73.7129, 0.3764, 0.3795

Background



This preview shows how black text looks on a background with the Yxy color 73.7129, 0.3764, 0.3795.



This preview shows how white text looks on a background with the Yxy color 73.7129, 0.3764, 0.3795.

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

73.7129, 0.3764, 0.3795

Protanopia

73.8928, 0.3593, 0.3848

Deuteranopia

73.7491, 0.3665, 0.3641



Tritanopia

73.7832, 0.3356, 0.3160

Trichromacy



Original Color

73.7129, 0.3764, 0.3795

Protanomaly

73.8483, 0.3652, 0.3829

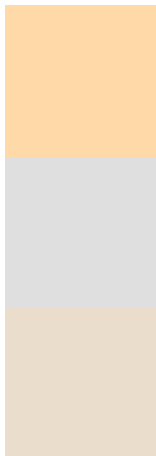
Deuteranomaly

73.5461, 0.3702, 0.3692

Tritanomaly

73.7128, 0.3507, 0.3393

Monochromacy



Original Color

73.7129, 0.3764, 0.3795

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.6869, 0.3351, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7129, 0.3764, 0.3795 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 168) }
```

Border

The CSS property to change the border of an element to Yxy 73.7129, 0.3764, 0.3795 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, 168) }
```

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

```
.border{ border-color:rgb(255, 217, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 217, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 217, 168); box-shadow:4px 4px 4px 4px rgb(255, 217, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7129, 0.3764, 0.3795 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, 168) }
```

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

```
.background{ background-color: rgb(255,  
217, 168) }
```

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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