

Converting Colors

$Y_{xy}(73.3176, 0.3762, 0.3779)$

Have a look what the booklet for
Yxy(73.3176, 0.3762, 0.3779)
contains.

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Color

Yxy(73.2363, 0.3760, 0.3775)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8A9
RGB	255, 216, 169
RGB Percent	100%, 85%, 66%
CMY	0.0002, 0.1529, 0.3373
CMYK	0.00, 0.15, 0.34, 0.00
HSL	33°, 100%, 83%
HSV	33°, 34%, 100%
XYZ	72.9453, 73.2363, 47.8218
YIQ	222.3030, 38.3310, -6.3490

Conversions

Conversions Part 2

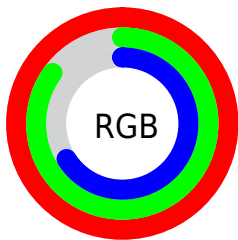
Format	Color
R _Y B	240, 255, 169
Decimal	16767145
CIE Lab	88.56, 7.09, 28.25
CIE LCh	89, 29.126, 75.914
Yxy	73.2363, 0.3760, 0.3775
Android (android.graphics.Color)	4294957225 (0xFFFFD8A9)
YUV	222.3030, -26.2784, 28.6753
Hunter-Lab	85.5782, 2.3883, 26.7730

Details

The Yxy color **73.2363, 0.3760, 0.3775** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.7277, 0.2577, 0.2748**, and the grayscale version is **73.4403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **38.6444, 0.3904, 0.3870** is the 20% darker color. If you saturate the color by 10%, you get **66.6623, 0.3994, 0.3920**, and if you desaturate by 10%, it is **80.4197, 0.3546, 0.3626**.

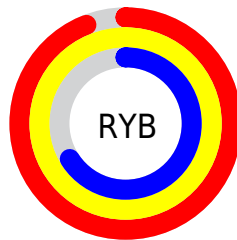
Distribution



Red (100%)

Green (85%)

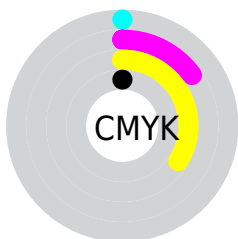
Blue (66%)



Red (94%)

Yellow (100%)

Blue (66%)

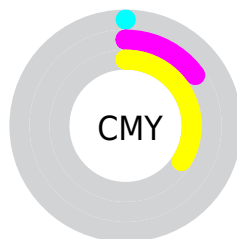


Cyan (0%)

Magenta (15%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2363, 0.3760, 0.3775 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 73.2363, 0.3760, 0.3775 by changing the saturation by 10% instead.


 73.2363, 0.3760,
0.3775

 73.2363, 0.3760,
0.3775


471.8334, 0.3468,
0.3557

 54.1692, 0.3826,
0.3822


 123.8126, 0.3659,
0.3701

 38.7370, 0.3907,
0.3880

156.0906, 0.3620,
0.3672

 26.5552, 0.4008,
0.3950

193.5410, 0.3586,
0.3647

 17.2394, 0.4137,
0.4037

236.5483, 0.3556,
0.3624

 10.4053, 0.4308,
0.4146

285.4968, 0.3530,
0.3605

 5.6685, 0.4538,
0.4283

340.7708, 0.3507,

 2.6446, 0.4985,

0.3587

0.4562

402.7549, 0.3486,
0.3572

■ 0.9491, 0.5358,
0.4642

■ 0.0000, 1.0000,
0.0000

■ 73.2363, 0.3760,
0.3775

■ 73.2363, 0.3760,
0.3775

■ 66.6623, 0.3994,
0.3920

■ 80.4197, 0.3546,
0.3626

■ 60.6680, 0.4245,
0.4052

■ 88.2205, 0.3355,
0.3480

■ 55.2361, 0.4503,
0.4160

■ 96.6594, 0.3185,
0.3340

■ 50.3441, 0.4756,
0.4232

99.9923, 0.3127,
0.3290

■ 45.9668, 0.4989,
0.4254

■ 42.0754, 0.5188,
0.4221

■ 39.8578, 0.5296,
0.4177

Harmonies

Analogous

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



73.2363, 0.3823, 0.3525



73.2363, 0.3760, 0.3775



73.2363, 0.3523, 0.3911

Triad

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



73.2363, 0.3760, 0.3775



73.2363, 0.2593, 0.3307



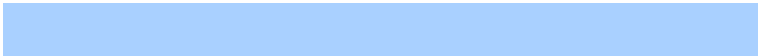
73.2363, 0.3035, 0.2787

Complementary

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



73.2363, 0.3760, 0.3775



60.7277, 0.2577, 0.2748

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.



73.2363, 0.2722, 0.2717



73.2363, 0.3760, 0.3775



73.2363, 0.2478, 0.2993

Square

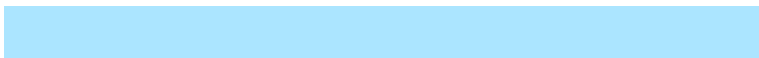
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2363, 0.3760, 0.3775



73.2363, 0.2848, 0.3639



73.2363, 0.2524, 0.2784



73.2363, 0.3392, 0.2974

Rectangle

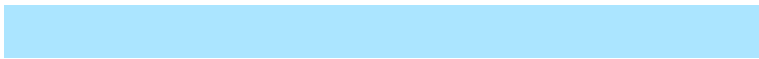
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2363, 0.3760, 0.3775



73.2363, 0.3305, 0.3904



73.2363, 0.2524, 0.2784



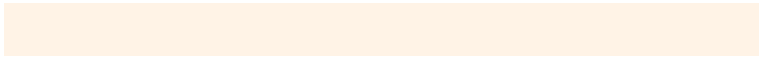
73.2363, 0.2922, 0.2749

Sweetspot

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



73.2397, 0.3760, 0.3775



91.3163, 0.3289, 0.3427



54.2335, 0.3551, 0.2877



19.2954, 0.3313, 0.3447



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.



73.2397, 0.3760, 0.3775



69.0639, 0.3905, 0.3867



95.0712, 0.3618, 0.4140



19.6343, 0.3281, 0.3420



21.1366, 0.5273, 0.4196



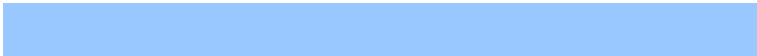
2.2764, 0.5116, 0.4320

Inverse Universe

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



60.7277, 0.2577, 0.2748



54.9302, 0.2471, 0.2627



44.3441, 0.2535, 0.2285



18.7328, 0.2979, 0.3156



10.5277, 0.1728, 0.1420



1.2399, 0.1788, 0.1637

Previews

White Background



This preview shows how the Yxy color 73.2363, 0.3760, 0.3775 looks on a white background.

Color Contrast Check

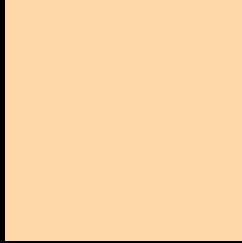
Large Text (above 18pt) WCAG AA × Fail

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 73.2363, 0.3760, 0.3775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

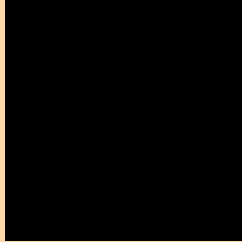
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.2363, 0.3760, 0.3775

Background



This preview shows how black text looks on a background with the Yxy color 73.2363, 0.3760, 0.3775.



This preview shows how white text looks on a background with the Yxy color 73.2363, 0.3760, 0.3775.

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

73.2363, 0.3760, 0.3775

Protanopia

73.2256, 0.3581, 0.3828

Deuteranopia

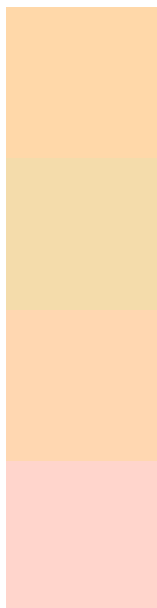
73.1971, 0.3675, 0.3641



Tritanopia

73.2303, 0.3365, 0.3160

Trichromacy



Original Color

73.2363, 0.3760, 0.3775

Protanomaly

73.3598, 0.3648, 0.3809

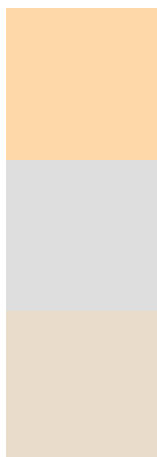
Deuteranomaly

73.0352, 0.3705, 0.3682

Tritanomaly

73.2081, 0.3509, 0.3383

Monochromacy



Original Color

73.2363, 0.3760, 0.3775

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.9906, 0.3345, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2363, 0.3760, 0.3775 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 169) }
```

Border

The CSS property to change the border of an element to Yxy 73.2363, 0.3760, 0.3775 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, 169) }
```

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

```
.border{ border-color:rgb(255, 216, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2363, 0.3760, 0.3775 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, 169) }
```

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

```
.background{ background-color: rgb(255,  
216, 169) }
```

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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