

Converting Colors

$Y_{xy}(80.7692, 0.3950, 0.3659)$

Have a look what the booklet for
Yxy(80.7692, 0.3950, 0.3659)
contains.

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Color

Yxy(74.0600, 0.3699, 0.3702)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9B1
RGB	255, 217, 177
RGB Percent	100%, 85%, 69%
CMY	0.0000, 0.1491, 0.3058
CMYK	0.00, 0.15, 0.31, 0.00
HSL	31°, 100%, 85%
HSV	31°, 31%, 100%
XYZ	74.0000, 74.0600, 51.9940
YIQ	223.8020, 35.4880, -4.3840

Conversions

Conversions Part 2

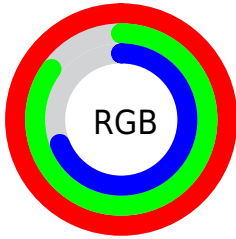
Format	Color
R_{YB}	251, 255, 177
Decimal	16767409
CIE _{Lab}	88.95, 7.60, 24.62
CIE _{LCh}	89, 25.771, 72.846
Yxy	74.0600, 0.3699, 0.3702
Android (android.graphics.Color)	4294957489 (0xFFFFD9B1)
YUV	223.8020, -23.0734, 27.3606
Hunter-Lab	86.0581, 2.8875, 24.4192

Details

The Yxy color **74.0600, 0.3699, 0.3702** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.1787, 0.2634, 0.2838**, and the grayscale version is **74.5374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **39.1662, 0.3832, 0.3792** is the 20% darker color. If you saturate the color by 10%, you get **66.9652, 0.3934, 0.3841**, and if you desaturate by 10%, it is **81.8192, 0.3487, 0.3562**.

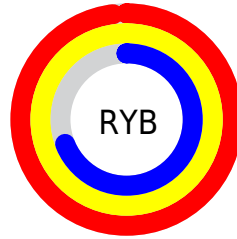
Distribution



Red (100%)

Green (85%)

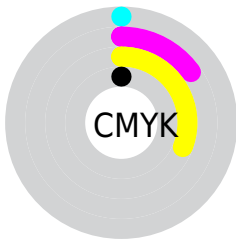
Blue (69%)



Red (98%)

Yellow (100%)

Blue (69%)

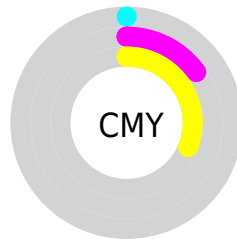


Cyan (0%)

Magenta (15%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0600, 0.3699, 0.3702 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 74.0600, 0.3699, 0.3702 by changing the saturation by 10% instead.

 74.0600, 0.3699,
0.3702

 74.0600, 0.3699,
0.3702

474.6804, 0.3435,
0.3517

 54.8431, 0.3759,
0.3742


 124.9809, 0.3608,
0.3639

 39.2762, 0.3832,
0.3791


157.4537, 0.3572,
0.3614

 26.9746, 0.3925,
0.3851


195.1139, 0.3541,
0.3593

 17.5542, 0.4044,
0.3926

238.3460, 0.3514,
0.3574

 10.6304, 0.4203,
0.4022

287.5342, 0.3491,
0.3557

 5.8189, 0.4422,
0.4145

343.0632, 0.3470,

 2.7353, 0.4775,

0.3543

0.4334

405.3171, 0.3451,
0.3529

0.9951, 0.5384,
0.4616

0.0000, 1.0000,
0.0000

74.0600, 0.3699,
0.3702

74.0600, 0.3699,
0.3702

66.9652, 0.3934,
0.3841

81.8192, 0.3487,
0.3562

60.5258, 0.4190,
0.3970

90.2748, 0.3300,
0.3426

54.7151, 0.4460,
0.4079

99.4420, 0.3136,
0.3297

49.5087, 0.4733,
0.4156

100.0000, 0.3127,
0.3290

■ 44.8801, 0.4991,
0.4187

■ 40.7991, 0.5219,
0.4164

■ 37.4188, 0.5398,
0.4096

Harmonies

Analogous

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



74.0600, 0.3736, 0.3476



74.0600, 0.3699, 0.3702



74.0600, 0.3505, 0.3831

Triad

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



74.0600, 0.3699, 0.3702



74.0600, 0.2672, 0.3337



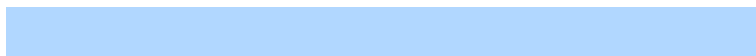
74.0600, 0.3016, 0.2831

Complementary

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



74.0600, 0.3699, 0.3702



65.1787, 0.2634, 0.2838

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.



74.0600, 0.2745, 0.2781



74.0600, 0.3699, 0.3702



74.0600, 0.2555, 0.3055

Square

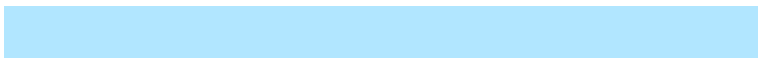
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0600, 0.3699, 0.3702



74.0600, 0.2911, 0.3622



74.0600, 0.2581, 0.2857



74.0600, 0.3330, 0.2988

Rectangle

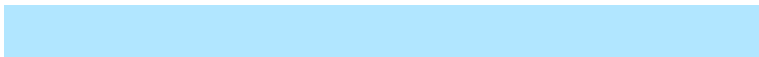
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0600, 0.3699, 0.3702



74.0600, 0.3317, 0.3834



74.0600, 0.2581, 0.2857



74.0600, 0.2917, 0.2801

Sweetspot

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



74.0560, 0.3699, 0.3702



91.6793, 0.3273, 0.3405



57.6664, 0.3477, 0.2891



19.3469, 0.3298, 0.3425



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.



74.0560, 0.3699, 0.3702



69.4307, 0.3847, 0.3791



95.9547, 0.3591, 0.4057



19.5270, 0.3281, 0.3412



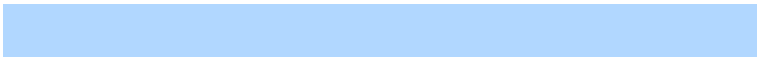
19.8523, 0.5373, 0.4115



2.1517, 0.5202, 0.4251

Inverse Universe

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



65.1787, 0.2634, 0.2838



59.2082, 0.2527, 0.2725



48.0165, 0.2582, 0.2388



18.8392, 0.2979, 0.3165



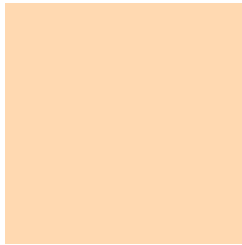
11.6376, 0.1759, 0.1532



1.3509, 0.1817, 0.1741

Previews

White Background



This preview shows how the Yxy color 74.0600, 0.3699, 0.3702 looks on a white background.

Color Contrast Check

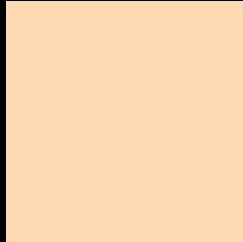
Large Text (above 18pt) WCAG AA × Fail

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 74.0600, 0.3699, 0.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

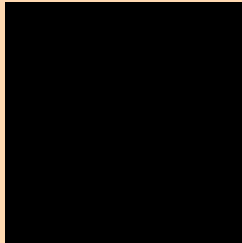
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.0600, 0.3699, 0.3702

Background



This preview shows how black text looks on a background with the Yxy color 74.0600, 0.3699, 0.3702.



This preview shows how white text looks on a background with the Yxy color 74.0600, 0.3699, 0.3702.

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





Tritanopia

73.8380, 0.3349, 0.3150

Trichromacy



Original Color

74.0600, 0.3699, 0.3702

Protanomaly

74.2007, 0.3588, 0.3734

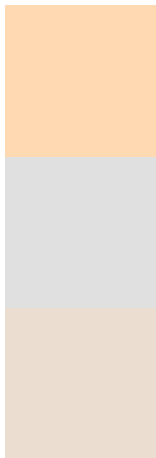
Deuteranomaly

73.7906, 0.3658, 0.3630

Tritanomaly

73.9072, 0.3478, 0.3352

Monochromacy



Original Color

74.0600, 0.3699, 0.3702

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.8801, 0.3323, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0600, 0.3699, 0.3702 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 177) }
```

Border

The CSS property to change the border of an element to Yxy 74.0600, 0.3699, 0.3702 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, 177) }
```

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

```
.border{ border-color:rgb(255, 217, 177) }
```

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, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0600, 0.3699, 0.3702 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, 177) }
```

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

```
.background{ background-color: rgb(255,  
217, 177) }
```

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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