

Converting Colors

$Y_{xy}(74.2786, 0.3687, 0.3690)$

Have a look what the booklet for
Yxy(74.2786, 0.3687, 0.3690)
contains.

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Color

Yxy(74.1001, 0.3691, 0.3692)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9B2
RGB	255, 217, 178
RGB Percent	100%, 85%, 70%
CMY	0.0001, 0.1489, 0.3019
CMYK	0.00, 0.15, 0.30, 0.00
HSL	30°, 100%, 85%
HSV	30°, 30%, 100%
XYZ	74.0800, 74.1001, 52.5244
YIQ	223.9160, 35.1670, -4.0730

Conversions

Conversions Part 2

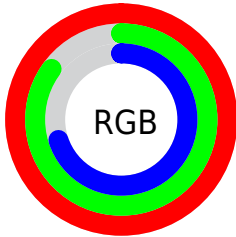
Format	Color
R _Y B	253, 255, 178
Decimal	16767410
CIE Lab	88.97, 7.69, 24.13
CIE LCh	89, 25.322, 72.333
Yxy	74.1001, 0.3691, 0.3692
Android (android.graphics.Color)	4294957490 (0xFFFFD9B2)
YUV	223.9160, -22.6366, 27.2607
Hunter-Lab	86.0814, 2.9712, 24.0800

Details

The Yxy color **74.1001, 0.3691, 0.3692** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.7758, 0.2641, 0.2850**, and the grayscale version is **74.6246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **39.1916, 0.3823, 0.3779** is the 20% darker color. If you saturate the color by 10%, you get **66.9352, 0.3926, 0.3829**, and if you desaturate by 10%, it is **81.9560, 0.3480, 0.3554**.

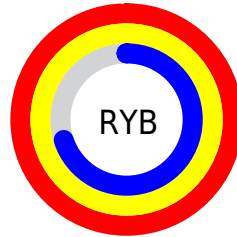
Distribution



Red (100%)

Green (85%)

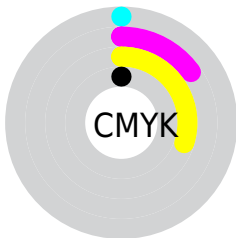
Blue (70%)



Red (99%)

Yellow (100%)

Blue (70%)

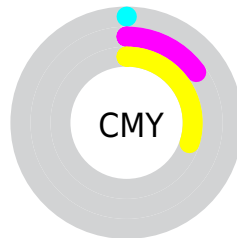


Cyan (0%)

Magenta (15%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.1001, 0.3691, 0.3692 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 74.1001, 0.3691, 0.3692 by changing the saturation by 10% instead.

 74.1001, 0.3691,
0.3692

 74.1001, 0.3691,
0.3692


474.8188, 0.3430,
0.3512

 54.8760, 0.3750,
0.3731


 125.0377, 0.3601,
0.3631

 39.3024, 0.3823,
0.3779


157.5200, 0.3566,
0.3607

 26.9951, 0.3914,
0.3838


195.1904, 0.3535,
0.3586

 17.5695, 0.4032,
0.3911

238.4334, 0.3509,
0.3567

 10.6414, 0.4189,
0.4005

287.6333, 0.3486,
0.3551

 5.8262, 0.4406,
0.4126

343.1746, 0.3465,

 2.7397, 0.4751,

0.3536

0.4306

405.4416, 0.3447,
0.3523

0.9974, 0.5389,
0.4611

0.0000, 1.0000,
0.0000

74.1001, 0.3691,
0.3692

74.1001, 0.3691,
0.3692

66.9352, 0.3926,
0.3829

81.9560, 0.3480,
0.3554

60.4296, 0.4184,
0.3958

90.5130, 0.3293,
0.3420

54.5637, 0.4456,
0.4067

99.7939, 0.3130,
0.3292

49.3130, 0.4731,
0.4144

99.9933, 0.3127,
0.3290

■ 44.6503, 0.4994,
0.4176

■ 40.5452, 0.5226,
0.4153

■ 37.0159, 0.5416,
0.4082

Harmonies

Analogous

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



74.1001, 0.3724, 0.3469



74.1001, 0.3691, 0.3692



74.1001, 0.3503, 0.3821

Triad

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



74.1001, 0.3691, 0.3692



74.1001, 0.2683, 0.3342



74.1001, 0.3013, 0.2837

Complementary

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



74.1001, 0.3691, 0.3692



65.7758, 0.2641, 0.2850

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.



74.1001, 0.2748, 0.2790



74.1001, 0.3691, 0.3692



74.1001, 0.2565, 0.3064

Square

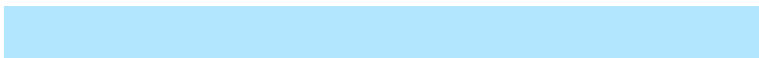
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1001, 0.3691, 0.3692



74.1001, 0.2919, 0.3620



74.1001, 0.2589, 0.2867



74.1001, 0.3321, 0.2990

Rectangle

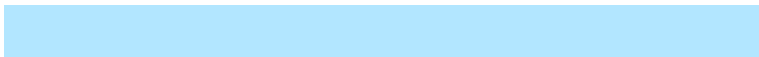
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1001, 0.3691, 0.3692



74.1001, 0.3319, 0.3825



74.1001, 0.2589, 0.2867



74.1001, 0.2916, 0.2808

Sweetspot

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



74.1035, 0.3691, 0.3692



91.5997, 0.3273, 0.3404



58.0830, 0.3471, 0.2896



19.3273, 0.3298, 0.3423



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.



74.1035, 0.3691, 0.3692



69.8721, 0.3825, 0.3772



95.9656, 0.3585, 0.4047



19.5091, 0.3282, 0.3411



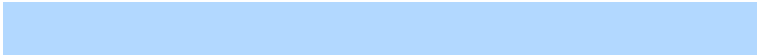
19.6471, 0.5390, 0.4102



2.1316, 0.5217, 0.4240

Inverse Universe

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



65.7758, 0.2641, 0.2850



60.3683, 0.2545, 0.2750



48.5309, 0.2590, 0.2402



18.8571, 0.2979, 0.3166



11.8332, 0.1764, 0.1551



1.3703, 0.1822, 0.1758

Previews

White Background



This preview shows how the Yxy color 74.1001, 0.3691, 0.3692 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 74.1001, 0.3691, 0.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

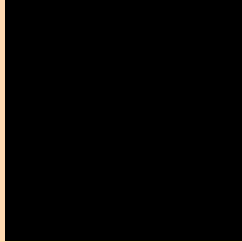
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1001, 0.3691, 0.3692

Background



This preview shows how black text looks on a background with the Yxy color 74.1001, 0.3691, 0.3692.



This preview shows how white text looks on a background with the Yxy color 74.1001, 0.3691, 0.3692.

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

74.1001, 0.3691, 0.3692

Protanopia

74.1161, 0.3516, 0.3741

Deuteranopia

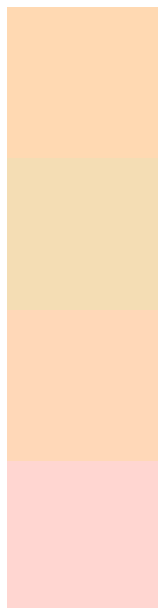
73.9596, 0.3628, 0.3589



Tritanopia

73.8380, 0.3349, 0.3150

Trichromacy



Original Color

74.1001, 0.3691, 0.3692

Protanomaly

74.2413, 0.3581, 0.3723

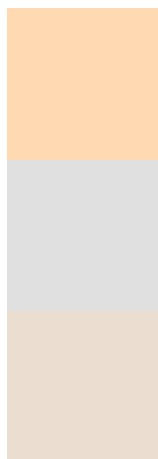
Deuteranomaly

73.8324, 0.3650, 0.3620

Tritanomaly

73.9566, 0.3470, 0.3342

Monochromacy



Original Color

74.1001, 0.3691, 0.3692

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 74.1001, 0.3691, 0.3692 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 178) }
```

Border

The CSS property to change the border of an element to Yxy 74.1001, 0.3691, 0.3692 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, 178) }
```

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

```
.border{ border-color:rgb(255, 217, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1001, 0.3691, 0.3692 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, 178) }
```

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

```
.background{ background-color: rgb(255,  
217, 178) }
```

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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