

Converting Colors

$Y_{xy}(90.4100, 0.4188, 0.3695)$

Have a look what the booklet for
Yxy(90.4100, 0.4188, 0.3695)
contains.

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Color

Yxy(75.9900, 0.3715, 0.3783)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDAD
RGB	255, 221, 173
RGB Percent	100%, 87%, 68%
CMY	0.0002, 0.1332, 0.3216
CMYK	0.00, 0.13, 0.32, 0.00
HSL	35°, 100%, 84%
HSV	35°, 32%, 100%
XYZ	74.6241, 75.9900, 50.2583
YIQ	225.6940, 35.6720, -7.7200

Conversions

Conversions Part 2

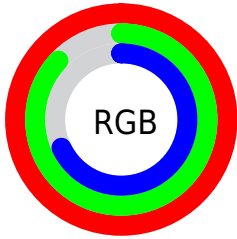
Format	Color
R _Y B	231, 255, 173
Decimal	16768429
CIE Lab	89.85, 4.99, 27.94
CIE LCh	90, 28.385, 79.866
Yxy	75.9900, 0.3715, 0.3783
Android (android.graphics.Color)	4294958509 (0xFFFFDDAD)
YUV	225.6940, -25.9781, 25.7014
Hunter-Lab	87.1722, 0.2541, 26.8375

Details

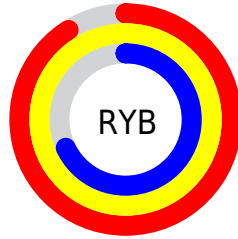
The Yxy color **75.9900, 0.3715, 0.3783** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.6783, 0.2599, 0.2740**, and the grayscale version is **75.9902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **40.4988, 0.3850, 0.3893** is the 20% darker color. If you saturate the color by 10%, you get **69.7002, 0.3938, 0.3938**, and if you desaturate by 10%, it is **82.8254, 0.3510, 0.3625**.

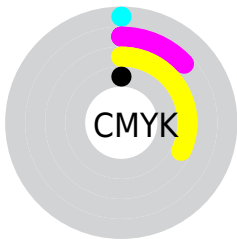
Distribution



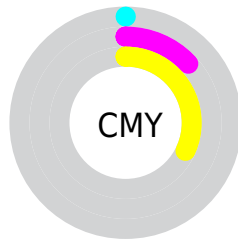
- Red (100%)
- Green (87%)
- Blue (68%)



- Red (91%)
- Yellow (100%)
- Blue (68%)



- Cyan (0%)
- Magenta (13%)
- Yellow (32%)
- Black (0%)




- Cyan (0%)
- Magenta (13%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9900, 0.3715, 0.3783 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 75.9900, 0.3715, 0.3783 by changing the saturation by 10% instead.


 75.9900, 0.3715,
0.3783

 75.9900, 0.3715,
0.3783

481.3135, 0.3446,
0.3562

 56.4243, 0.3775,
0.3831

 127.7128, 0.3622,
0.3708

 40.5432, 0.3849,
0.3890


160.6386, 0.3586,
0.3678

 27.9623, 0.3941,
0.3962


198.7867, 0.3555,
0.3652

 18.2973, 0.4058,
0.4052

242.5413, 0.3527,
0.3630

 11.1636, 0.4211,
0.4166

292.2869, 0.3503,
0.3610

 6.1770, 0.4418,
0.4313

348.4079, 0.3482,

 2.9530, 0.4765,

0.3592

0.4557

411.2886, 0.3463,
0.3576

■ 1.1072, 0.5202,
0.4798

■ 0.0000, 1.0000,
0.0000

■ 75.9900, 0.3715,
0.3783

■ 75.9900, 0.3715,
0.3783

■ 69.7002, 0.3938,
0.3938

■ 82.8254, 0.3510,
0.3625

■ 63.9283, 0.4174,
0.4082

■ 90.2118, 0.3325,
0.3469

■ 58.6594, 0.4417,
0.4203

■ 98.1682, 0.3160,
0.3321

■ 53.8735, 0.4653,
0.4289

■ 99.9907, 0.3127,
0.3290

■ 49.5483, 0.4871,
0.4329

■ 45.6583, 0.5057,
0.4314

■ 42.8836, 0.5180,
0.4269

Harmonies

Analogous

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



75.9900, 0.3800, 0.3553



75.9900, 0.3715, 0.3783



75.9900, 0.3470, 0.3893

Triad

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



75.9900, 0.3715, 0.3783



75.9900, 0.2589, 0.3264



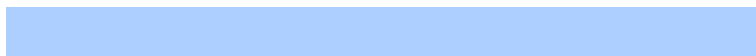
75.9900, 0.3084, 0.2823

Complementary

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



75.9900, 0.3715, 0.3783



60.6783, 0.2599, 0.2740

Split Complementary

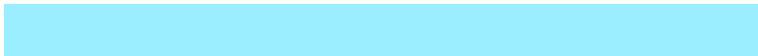
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9900, 0.2771, 0.2738



75.9900, 0.3715, 0.3783



75.9900, 0.2498, 0.2971

Square

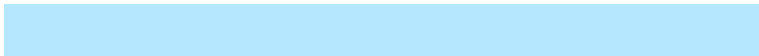
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9900, 0.3715, 0.3783



75.9900, 0.2820, 0.3587



75.9900, 0.2562, 0.2786



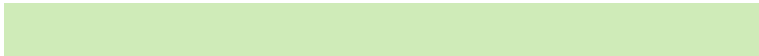
75.9900, 0.3425, 0.3015

Rectangle

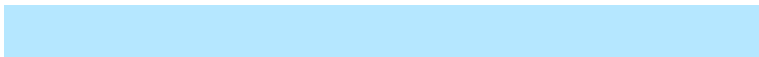
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.9900, 0.3715, 0.3783



75.9900, 0.3255, 0.3869



75.9900, 0.2562, 0.2786



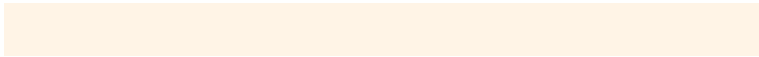
75.9900, 0.2972, 0.2781

Sweetspot

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



75.9935, 0.3715, 0.3783



91.9155, 0.3288, 0.3437



55.6416, 0.3561, 0.2938



19.4404, 0.3312, 0.3458



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.



75.9935, 0.3715, 0.3783



71.6578, 0.3866, 0.3890



94.4834, 0.3568, 0.4109



19.7565, 0.3280, 0.3429



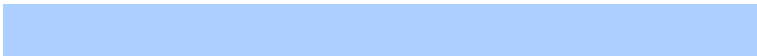
22.7188, 0.5160, 0.4285



2.4277, 0.5019, 0.4397

Inverse Universe

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



60.6783, 0.2599, 0.2740



54.0436, 0.2480, 0.2599



46.7767, 0.2596, 0.2346



18.6127, 0.2979, 0.3147



9.3865, 0.1694, 0.1300



1.1232, 0.1756, 0.1522

Previews

White Background



This preview shows how the Yxy color 75.9900, 0.3715, 0.3783 looks on a white background.

Color Contrast Check

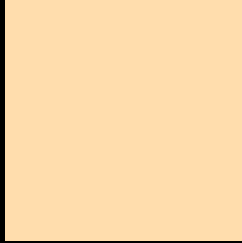
Large Text (above 18pt) WCAG AA × Fail

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 75.9900, 0.3715, 0.3783 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 75.9900, 0.3715, 0.3783

Background



This preview shows how black text looks on a background with the Yxy color 75.9900, 0.3715, 0.3783.



This preview shows how white text looks on a background with the Yxy color 75.9900, 0.3715, 0.3783.

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

75.9900, 0.3715, 0.3783

Protanopia

76.1886, 0.3580, 0.3830

Deuteranopia

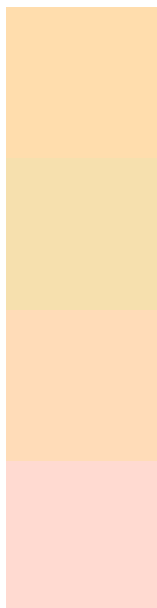
76.1641, 0.3596, 0.3598



Tritanopia

76.0289, 0.3323, 0.3161

Trichromacy



Original Color

75.9900, 0.3715, 0.3783

Protanomaly

75.9601, 0.3630, 0.3814

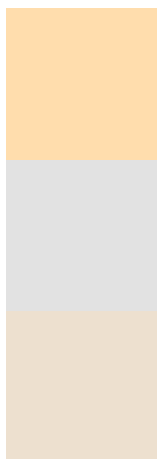
Deuteranomaly

75.9071, 0.3639, 0.3660

Tritanomaly

76.0063, 0.3463, 0.3382

Monochromacy



Original Color

75.9900, 0.3715, 0.3783

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.8208, 0.3334, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9900, 0.3715, 0.3783 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, 221, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 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, 221, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 173) }
```

Border

The CSS property to change the border of an element to Yxy 75.9900, 0.3715, 0.3783 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, 221, 173) }
```

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

```
.border{ border-color:rgb(255, 221, 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, 221, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9900, 0.3715, 0.3783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 173) }
```

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

```
.background{ background-color: rgb(255,  
221, 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](#).

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