

Converting Colors

$Y_{xy}(100.0000, 0.4439, 0.3655)$

Have a look what the booklet for
Yxy(100.0000, 0.4439, 0.3655)
contains.

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Color

Yxy(75.9515, 0.3722, 0.3793)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDAC
RGB	255, 221, 172
RGB Percent	100%, 87%, 67%
CMY	0.0002, 0.1332, 0.3255
CMYK	0.00, 0.13, 0.33, 0.00
HSL	35°, 100%, 84%
HSV	35°, 33%, 100%
XYZ	74.5298, 75.9515, 49.7599
YIQ	225.5800, 35.9930, -8.0310

Conversions

Conversions Part 2

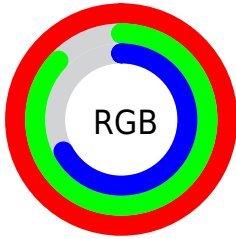
Format	Color
RYB	230, 255, 172
Decimal	16768428
CIELab	89.84, 4.88, 28.42
CIELCh	90, 28.840, 80.264
Yxy	75.9515, 0.3722, 0.3793
Android (android.graphics.Color)	4294958508 (0xFFFFDDAC)
YUV	225.5800, -26.4149, 25.8013
Hunter-Lab	87.1502, 0.1383, 27.1524

Details

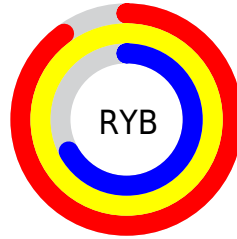
The Yxy color **75.9515, 0.3722, 0.3793** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.0955, 0.2592, 0.2727**, and the grayscale version is **75.9078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **40.4747, 0.3859, 0.3906** is the 20% darker color. If you saturate the color by 10%, you get **69.7300, 0.3944, 0.3949**, and if you desaturate by 10%, it is **82.7100, 0.3517, 0.3633**.

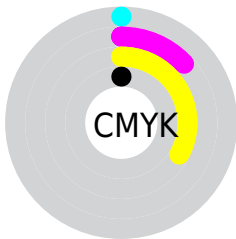
Distribution



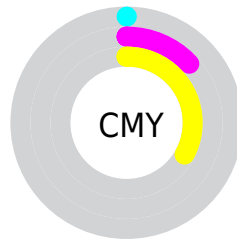
- Red (100%)
- Green (87%)
- Blue (67%)



- Red (90%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9515, 0.3722, 0.3793 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 75.9515, 0.3722, 0.3793 by changing the saturation by 10% instead.


 75.9515, 0.3722,
0.3793

 75.9515, 0.3722,
0.3793


481.1817, 0.3450,
0.3567

 56.3927, 0.3783,
0.3842


 127.6583, 0.3628,
0.3716

 40.5179, 0.3857,
0.3902


160.5752, 0.3592,
0.3686

 27.9426, 0.3950,
0.3975


198.7136, 0.3560,
0.3660

 18.2824, 0.4068,
0.4067

242.4578, 0.3532,
0.3637

 11.1529, 0.4223,
0.4183

292.1924, 0.3508,
0.3616

 6.1698, 0.4430,
0.4332

348.3016, 0.3486,

 2.9486, 0.4785,

0.3598

0.4586

411.1699, 0.3467,
0.3582

■ 1.1050, 0.5194,
0.4806

■ 0.0000, 1.0000,
0.0000

■ 75.9515, 0.3722,
0.3793

■ 75.9515, 0.3722,
0.3793

■ 69.7300, 0.3944,
0.3949

■ 82.7100, 0.3517,
0.3633

■ 64.0181, 0.4180,
0.4094

■ 90.0108, 0.3332,
0.3477

■ 58.8010, 0.4420,
0.4215

■ 97.8726, 0.3166,
0.3327

■ 54.0589, 0.4654,
0.4300

99.9911, 0.3127,
0.3290

■ 49.7697, 0.4869,
0.4338

■ 45.9078, 0.5051,
0.4323

■ 43.2795, 0.5166,
0.4280

Harmonies

Analogous

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



75.9515, 0.3811, 0.3561



75.9515, 0.3722, 0.3793



75.9515, 0.3471, 0.3903

Triad

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



75.9515, 0.3722, 0.3793



75.9515, 0.2578, 0.3259



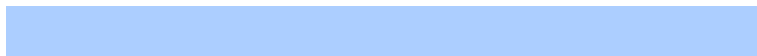
75.9515, 0.3088, 0.2817

Complementary

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



75.9515, 0.3722, 0.3793



60.0955, 0.2592, 0.2727

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.



75.9515, 0.2769, 0.2730



75.9515, 0.3722, 0.3793



75.9515, 0.2488, 0.2962

Square

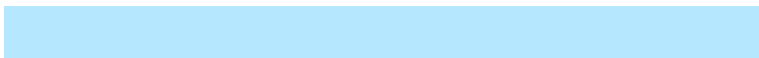
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9515, 0.3722, 0.3793



75.9515, 0.2811, 0.3587



75.9515, 0.2555, 0.2777



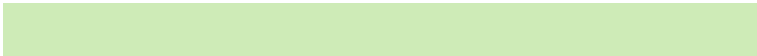
75.9515, 0.3434, 0.3014

Rectangle

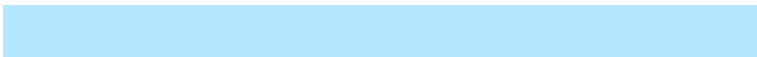
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.9515, 0.3722, 0.3793



75.9515, 0.3252, 0.3877



75.9515, 0.2555, 0.2777



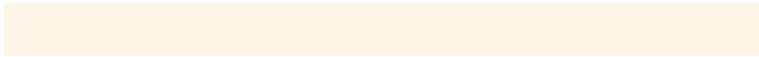
75.9515, 0.2974, 0.2775

Sweetspot

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



75.9550, 0.3722, 0.3793



91.9901, 0.3288, 0.3438



55.2393, 0.3568, 0.2934



19.4585, 0.3312, 0.3459



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.



75.9550, 0.3722, 0.3793



71.9022, 0.3864, 0.3895



94.4325, 0.3573, 0.4119



19.7718, 0.3279, 0.3430



22.9249, 0.5146, 0.4296



2.4472, 0.5007, 0.4406

Inverse Universe

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



60.0955, 0.2592, 0.2727



53.8252, 0.2479, 0.2593



46.2946, 0.2588, 0.2333



18.5978, 0.2979, 0.3146



9.2532, 0.1690, 0.1285



1.1094, 0.1752, 0.1508

Previews

White Background



This preview shows how the Yxy color 75.9515, 0.3722, 0.3793 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 75.9515, 0.3722, 0.3793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

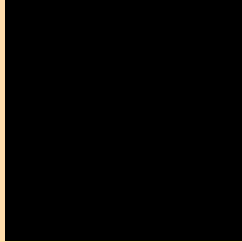
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.9515, 0.3722, 0.3793

Background



This preview shows how black text looks on a background with the Yxy color 75.9515, 0.3722, 0.3793.



This preview shows how white text looks on a background with the Yxy color 75.9515, 0.3722, 0.3793.

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

75.9515, 0.3722, 0.3793

Protanopia

76.1495, 0.3587, 0.3841

Deuteranopia

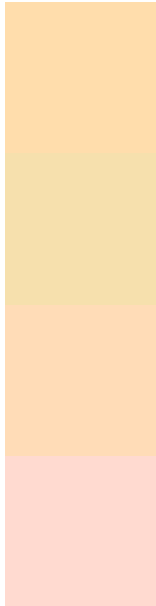
76.1641, 0.3596, 0.3598



Tritanopia

76.0289, 0.3323, 0.3161

Trichromacy



Original Color

75.9515, 0.3722, 0.3793

Protanomaly

75.9213, 0.3637, 0.3825

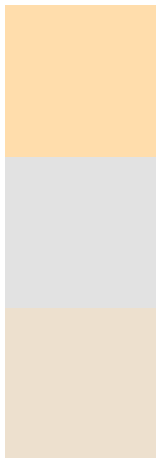
Deuteranomaly

75.8653, 0.3647, 0.3670

Tritanomaly

75.9569, 0.3470, 0.3393

Monochromacy



Original Color

75.9515, 0.3722, 0.3793

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.7721, 0.3341, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9515, 0.3722, 0.3793 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 172) }
```

Border

The CSS property to change the border of an element to Yxy 75.9515, 0.3722, 0.3793 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, 172) }
```

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

```
.border{ border-color:rgb(255, 221, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9515, 0.3722, 0.3793 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, 172) }
```

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

```
.background{ background-color: rgb(255,  
221, 172) }
```

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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