

Converting Colors

$Y_{xy}(75.3690, 0.3497, 0.3419)$

Have a look what the booklet for
Yxy(75.3690, 0.3497, 0.3419)
contains.

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Color

Yxy(75.2935, 0.3494, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9CD
RGB	255, 217, 205
RGB Percent	100%, 85%, 80%
CMY	0.0000, 0.1490, 0.1960
CMYK	0.00, 0.15, 0.20, 0.00
HSL	14°, 100%, 90%
HSV	14°, 20%, 100%
XYZ	77.0804, 75.2935, 68.2340
YIQ	226.9940, 26.5000, 4.3240

Conversions

Conversions Part 2

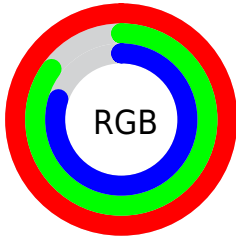
Format	Color
R _Y B	255, 221, 205
Decimal	16767437
CIE Lab	89.53, 11.40, 10.80
CIE LCh	90, 15.702, 43.450
Yxy	75.2935, 0.3494, 0.3413
Android (android.graphics.Color)	4294957517 (0xFFFFD9CD)
YUV	226.9940, -10.8430, 24.5613
Hunter-Lab	86.7718, 6.7129, 14.1169

Details

The Yxy color **75.2935, 0.3494, 0.3413** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.3110, 0.2825, 0.3164**, and the grayscale version is **76.8753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0808, 0.3582, 0.3435** is the 20% darker color. If you saturate the color by 10%, you get **64.7451, 0.3738, 0.3480**, and if you desaturate by 10%, it is **87.2131, 0.3290, 0.3348**.

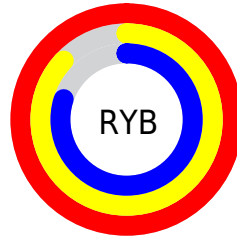
Distribution



Red (100%)

Green (85%)

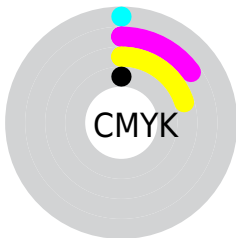
Blue (80%)



Red (100%)

Yellow (87%)

Blue (80%)

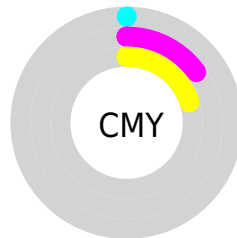


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2935, 0.3494, 0.3413 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 75.2935, 0.3494, 0.3413 by changing the saturation by 10% instead.


 75.2935, 0.3494,
0.3413

 75.2935, 0.3494,
0.3413


478.9258, 0.3324,
0.3359

 55.8534, 0.3533,
0.3425


126.7277, 0.3435,
0.3395

 40.0854, 0.3581,
0.3439


159.4906, 0.3412,
0.3388

 27.6051, 0.3642,
0.3456


197.4632, 0.3392,
0.3381

 18.0282, 0.3722,
0.3477

241.0300, 0.3375,
0.3376

 10.9702, 0.3830,
0.3505

290.5752, 0.3360,
0.3371

 6.0468, 0.3986,
0.3541

346.4833, 0.3347,

 2.8736, 0.4229,

0.3366

0.3588

409.1387, 0.3335,
0.3363

1.0661, 0.4826,
0.3778

0.0000, 1.0000,
0.0000

75.2935, 0.3494,
0.3413

75.2935, 0.3494,
0.3413

64.7451, 0.3738,
0.3480

87.2131, 0.3290,
0.3348

55.5229, 0.4027,
0.3547

100.0000, 0.3127,
0.3290

47.5720, 0.4364,
0.3608

40.8352, 0.4742,
0.3654

■ 35.2512, 0.5143,
0.3676

■ 30.7528, 0.5536,
0.3662

■ 27.2650, 0.5873,
0.3607

■ 24.6970, 0.6121,
0.3519

■ 24.6119, 0.6129,
0.3515

Harmonies

Analogous

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



75.2935, 0.3414, 0.3253



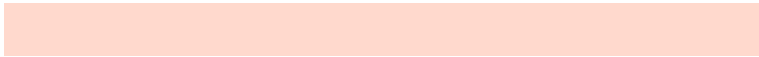
75.2935, 0.3494, 0.3413



75.2935, 0.3472, 0.3547

Triad

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



75.2935, 0.3494, 0.3413



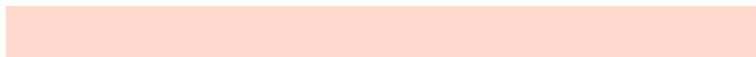
75.2935, 0.2994, 0.3485



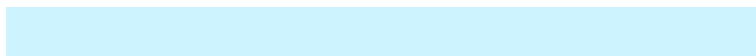
75.2935, 0.2897, 0.2976

Complementary

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



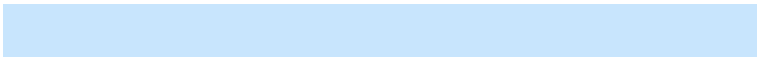
75.2935, 0.3494, 0.3413



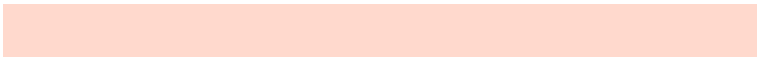
84.3110, 0.2825, 0.3164

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.



75.2935, 0.2792, 0.3026



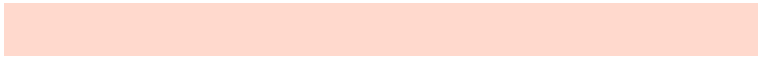
75.2935, 0.3494, 0.3413



75.2935, 0.2847, 0.3318

Square

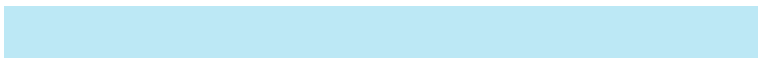
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2935, 0.3494, 0.3413



75.2935, 0.3180, 0.3596



75.2935, 0.2774, 0.3149



75.2935, 0.3066, 0.3006

Rectangle

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



75.2935, 0.3494, 0.3413



75.2935, 0.3403, 0.3603



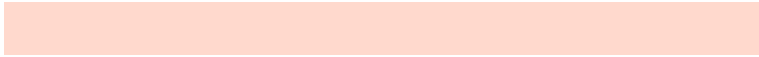
75.2935, 0.2774, 0.3149



75.2935, 0.2854, 0.2984

Sweetspot

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



75.2918, 0.3494, 0.3413



91.8552, 0.3226, 0.3326



71.4193, 0.3232, 0.2910



19.4777, 0.3237, 0.3330



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.



75.2918, 0.3494, 0.3413



70.4885, 0.3596, 0.3442



88.9761, 0.3448, 0.3655



18.6940, 0.3288, 0.3348



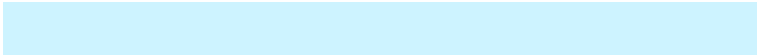
13.0512, 0.6102, 0.3537



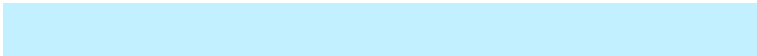
1.4313, 0.5887, 0.3707

Inverse Universe

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



84.3110, 0.2825, 0.3164



81.1761, 0.2759, 0.3132



70.5207, 0.2808, 0.2896



19.6999, 0.2980, 0.3232



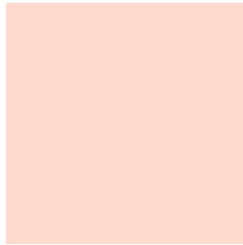
24.1454, 0.2026, 0.2494



2.5196, 0.2054, 0.2595

Previews

White Background



This preview shows how the Yxy color 75.2935, 0.3494, 0.3413 looks on a white background.

Color Contrast Check

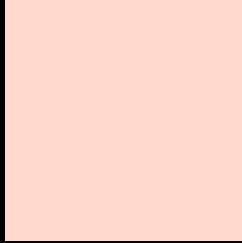
Large Text (above 18pt) WCAG AA × Fail

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 75.2935, 0.3494, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

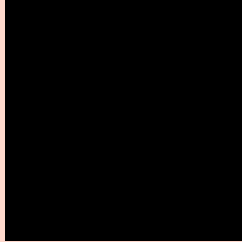
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

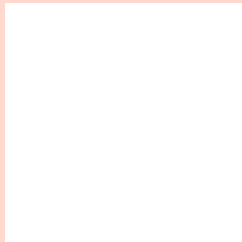
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2935, 0.3494, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 75.2935, 0.3494, 0.3413.

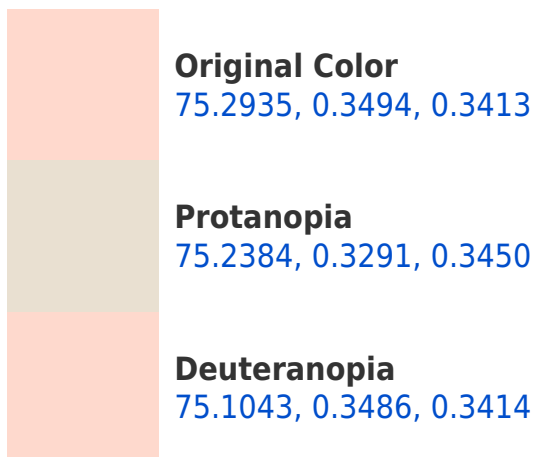


This preview shows how white text looks on a background with the Yxy color 75.2935, 0.3494, 0.3413.

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

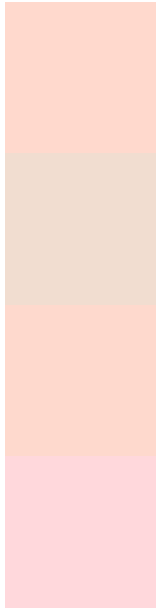




Tritanopia

75.5180, 0.3324, 0.3150

Trichromacy



Original Color

75.2935, 0.3494, 0.3413

Protanomaly

74.9677, 0.3361, 0.3427

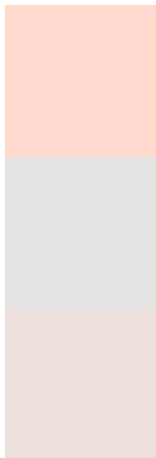
Deuteranomaly

75.1043, 0.3486, 0.3414

Tritanomaly

75.5390, 0.3387, 0.3250

Monochromacy



Original Color

75.2935, 0.3494, 0.3413

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.8944, 0.3253, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2935, 0.3494, 0.3413 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 205) }
```

Border

The CSS property to change the border of an element to Yxy 75.2935, 0.3494, 0.3413 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, 205) }
```

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

```
.border{ border-color:rgb(255, 217, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2935, 0.3494, 0.3413 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
217, 205) }
```

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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