

Converting Colors

$Y_{xy}(76.0283, 0.3408, 0.3302)$

Have a look what the booklet for
Yxy(76.0283, 0.3408, 0.3302)
contains.

Yxy(75.8436, 0.3414, 0.3301)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.8436, 0.3414, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9D8
RGB	255, 217, 216
RGB Percent	100%, 85%, 85%
CMY	0.0001, 0.1490, 0.1529
CMYK	0.00, 0.15, 0.15, 0.00
HSL	2°, 100%, 92%
HSV	2°, 15%, 100%
XYZ	78.4399, 75.8436, 75.4760
YIQ	228.2480, 22.9690, 7.7450

Conversions

Conversions Part 2

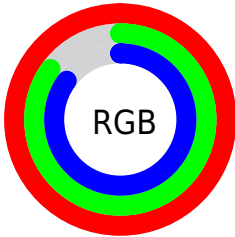
Format	Color
R _Y B	255, 217, 216
Decimal	16767448
CIE Lab	89.79, 13.02, 5.39
CIE LCh	90, 14.090, 22.483
Yxy	75.8436, 0.3414, 0.3301
Android (android.graphics.Color)	4294957528 (0xFFFFD9D8)
YUV	228.2480, -6.0383, 23.4615
Hunter-Lab	87.0882, 8.3695, 9.5774

Details

The Yxy color **75.8436, 0.3414, 0.3301** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.6781, 0.2894, 0.3279**, and the grayscale version is **77.8070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4196, 0.3486, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **62.7725, 0.3662, 0.3309**, and if you desaturate by 10%, it is **91.0531, 0.3215, 0.3294**.

Distribution



Red (100%)

Green (85%)

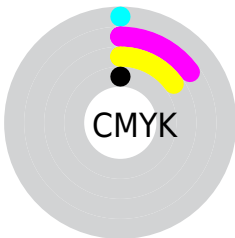
Blue (85%)



Red (100%)

Yellow (85%)

Blue (85%)



Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.8436, 0.3414, 0.3301 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 75.8436, 0.3414, 0.3301 by changing the saturation by 10% instead.


 75.8436, 0.3414,
0.3301

 75.8436, 0.3414,
0.3301

480.8121, 0.3281,
0.3297

 56.3043, 0.3444,
0.3301


127.5058, 0.3368,
0.3300

 40.4469, 0.3482,
0.3302


160.3975, 0.3350,
0.3300

 27.8872, 0.3529,
0.3302

198.5087, 0.3335,
0.3299

 18.2406, 0.3591,
0.3302

242.2239, 0.3321,
0.3299

 11.1229, 0.3675,
0.3301

291.9274, 0.3310,
0.3298

 6.1496, 0.3797,
0.3298

348.0037, 0.3299,

 2.9362, 0.3987,

0.3298

0.3290

410.8372, 0.3290,
0.3298

■ 1.0985, 0.4336,
0.3272

■ 0.0000, 1.0000,
0.0000

■ 75.8436, 0.3414,
0.3301

■ 75.8436, 0.3414,
0.3301

■ 62.7725, 0.3662,
0.3309

■ 91.0531, 0.3215,
0.3294

■ 51.7342, 0.3969,
0.3317

99.9943, 0.3127,
0.3290

■ 42.6299, 0.4342,
0.3325

■ 35.3481, 0.4778,
0.3331

■ 29.7663, 0.5253,
0.3333

■ 25.7467, 0.5718,
0.3331

■ 23.1302, 0.6098,
0.3324

■ 21.7239, 0.6329,
0.3312

■ 21.3974, 0.6388,
0.3310

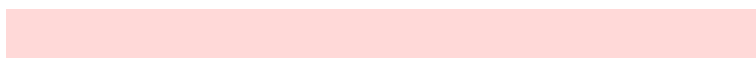
Harmonies

Analogous

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



75.8436, 0.3290, 0.3162



75.8436, 0.3414, 0.3301



75.8436, 0.3459, 0.3441

Triad

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



75.8436, 0.3414, 0.3301



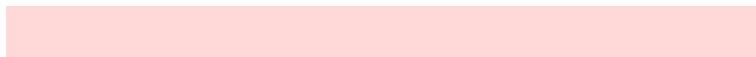
75.8436, 0.3124, 0.3540



75.8436, 0.2847, 0.3032

Complementary

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



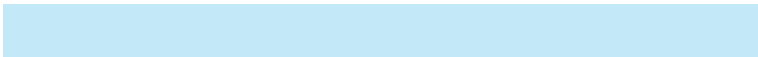
75.8436, 0.3414, 0.3301



92.6781, 0.2894, 0.3279

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.



75.8436, 0.2806, 0.3126



75.8436, 0.3414, 0.3301



75.8436, 0.2963, 0.3422

Square

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



75.8436, 0.3414, 0.3301



75.8436, 0.3288, 0.3585



75.8436, 0.2848, 0.3268



75.8436, 0.2962, 0.3009

Rectangle

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



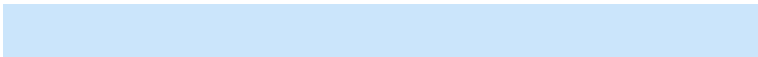
75.8436, 0.3414, 0.3301



75.8436, 0.3438, 0.3518



75.8436, 0.2848, 0.3268



75.8436, 0.2825, 0.3056

Sweetspot

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



75.8470, 0.3414, 0.3301



91.5358, 0.3210, 0.3293



77.5471, 0.3149, 0.2917



19.3474, 0.3223, 0.3294



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

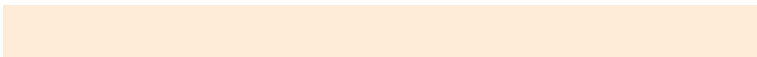
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8470, 0.3414, 0.3301



72.1035, 0.3476, 0.3303



86.2836, 0.3385, 0.3491



18.0622, 0.3294, 0.3297



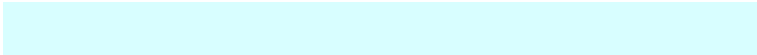
11.2162, 0.6383, 0.3314



1.1174, 0.6340, 0.3348

Inverse Universe

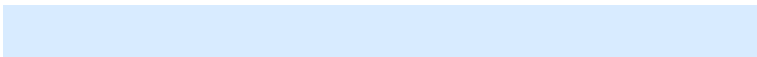
The Inverse Universe completely reimagines the original color for something new.



92.6781, 0.2894, 0.3279



91.5549, 0.2855, 0.3277



81.1436, 0.2886, 0.3081



20.3961, 0.2980, 0.3283



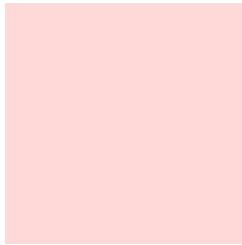
39.0186, 0.2225, 0.3208



3.8236, 0.2227, 0.3218

Previews

White Background



This preview shows how the Yxy color 75.8436, 0.3414, 0.3301 looks on a white background.

Color Contrast Check

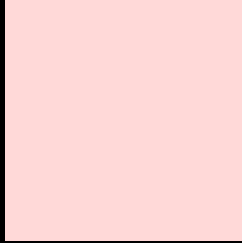
Large Text (above 18pt) WCAG AA × Fail

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 75.8436, 0.3414, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

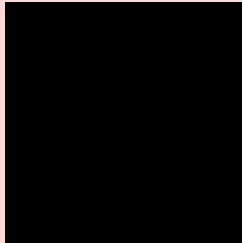
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

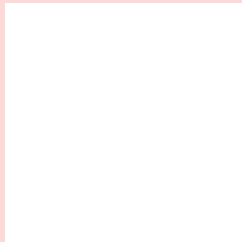
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.8436, 0.3414, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 75.8436, 0.3414, 0.3301.

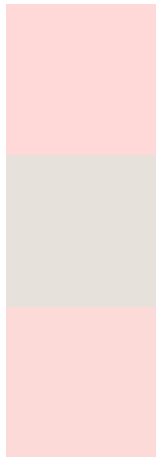


This preview shows how white text looks on a background with the Yxy color 75.8436, 0.3414, 0.3301.

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

75.8436, 0.3414, 0.3301

Protanopia

76.0067, 0.3202, 0.3343

Deuteranopia

75.7961, 0.3390, 0.3311



Tritanopia

75.6304, 0.3310, 0.3131

Trichromacy



Original Color

75.8436, 0.3414, 0.3301

Protanomaly

75.8823, 0.3276, 0.3322

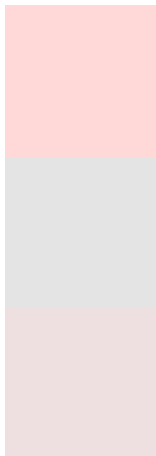
Deuteranomaly

75.9833, 0.3398, 0.3311

Tritanomaly

75.8627, 0.3344, 0.3190

Monochromacy



Original Color

75.8436, 0.3414, 0.3301

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.8703, 0.3226, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8436, 0.3414, 0.3301 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 216) }
```

Border

The CSS property to change the border of an element to Yxy 75.8436, 0.3414, 0.3301 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, 216) }
```

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

```
.border{ border-color:rgb(255, 217, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8436, 0.3414, 0.3301 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, 216) }
```

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

```
.background{ background-color: rgb(255,  
217, 216) }
```

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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