

Converting Colors

$Y_{xy}(75.2149, 0.3418, 0.3291)$

Have a look what the booklet for
Yxy(75.2149, 0.3418, 0.3291)
contains.

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Color

Yxy(75.3296, 0.3416, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8D8
RGB	255, 216, 216
RGB Percent	100%, 85%, 85%
CMY	0.0000, 0.1529, 0.1530
CMYK	0.00, 0.15, 0.15, 0.00
HSL	0°, 100%, 92%
HSV	0°, 15%, 100%
XYZ	78.1908, 75.3296, 75.3754
YIQ	227.6610, 23.2440, 8.2680

Conversions

Conversions Part 2

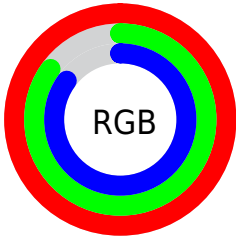
Format	Color
R _Y B	255, 216, 216
Decimal	16767192
CIE Lab	89.55, 13.55, 5.05
CIE LCh	90, 14.466, 20.448
Yxy	75.3296, 0.3416, 0.3291
Android (android.graphics.Color)	4294957272 (0xFFFFD8D8)
YUV	227.6610, -5.7489, 23.9763
Hunter-Lab	86.7926, 8.9222, 9.2642

Details

The Yxy color **75.3296, 0.3416, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.3259, 0.2894, 0.3289**, and the grayscale version is **77.3530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0687, 0.3488, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **62.0502, 0.3667, 0.3292**, and if you desaturate by 10%, it is **90.8434, 0.3216, 0.3290**.

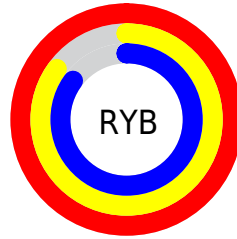
Distribution



Red (100%)

Green (85%)

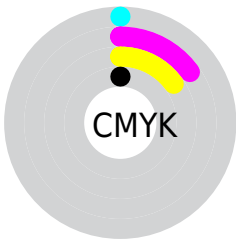
Blue (85%)



Red (100%)

Yellow (85%)

Blue (85%)

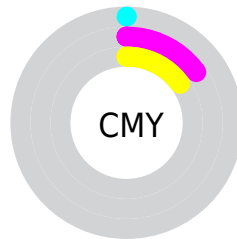


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3296, 0.3416, 0.3291 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 75.3296, 0.3416, 0.3291 by changing the saturation by 10% instead.


 75.3296, 0.3416,
0.3291

 75.3296, 0.3416,
0.3291

479.0497, 0.3282,
0.3292

 55.8830, 0.3447,
0.3290


126.7788, 0.3370,
0.3292

 40.1091, 0.3484,
0.3290


159.5502, 0.3352,
0.3292

 27.6236, 0.3532,
0.3288


197.5319, 0.3336,
0.3292

 18.0421, 0.3595,
0.3286

241.1084, 0.3323,
0.3292

 10.9802, 0.3680,
0.3282

290.6640, 0.3311,
0.3292

 6.0535, 0.3804,
0.3275

346.5831, 0.3300,

 2.8777, 0.3997,

0.3292

0.3261

409.2502, 0.3291,
0.3292

1.0682, 0.4353,
0.3233

0.0000, 1.0000,
0.0000

75.3296, 0.3416,
0.3291

75.3296, 0.3416,
0.3291

62.0502, 0.3667,
0.3292

90.8434, 0.3216,
0.3290

50.8966, 0.3978,
0.3293

100.0000, 0.3127,
0.3290

41.7602, 0.4358,
0.3294

34.5207, 0.4802,
0.3296

■ 29.0448, 0.5285,
0.3297

■ 25.1819, 0.5752,
0.3298

■ 22.7565, 0.6127,
0.3299

■ 21.5518, 0.6345,
0.3300

■ 21.2625, 0.6401,
0.3300

Harmonies

Analogous

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



75.3296, 0.3284, 0.3149



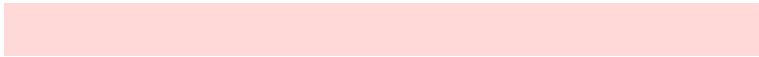
75.3296, 0.3416, 0.3291



75.3296, 0.3469, 0.3436

Triad

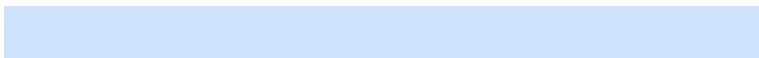
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3296, 0.3416, 0.3291



75.3296, 0.3135, 0.3554



75.3296, 0.2834, 0.3029

Complementary

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



75.3296, 0.3416, 0.3291



93.3259, 0.2894, 0.3289

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.



75.3296, 0.2797, 0.3129



75.3296, 0.3416, 0.3291



75.3296, 0.2968, 0.3436

Square

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



75.3296, 0.3416, 0.3291



75.3296, 0.3303, 0.3594



75.3296, 0.2846, 0.3279



75.3296, 0.2948, 0.3000

Rectangle

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



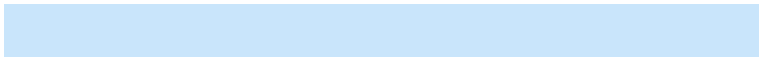
75.3296, 0.3416, 0.3291



75.3296, 0.3451, 0.3517



75.3296, 0.2846, 0.3279



75.3296, 0.2812, 0.3056

Sweetspot

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



75.3316, 0.3416, 0.3291



91.3424, 0.3211, 0.3290



77.5855, 0.3145, 0.2910



19.3007, 0.3223, 0.3290



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

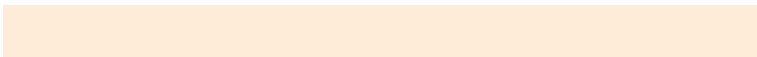
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3316, 0.3416, 0.3291



71.5285, 0.3478, 0.3291



85.9171, 0.3386, 0.3485



17.9884, 0.3295, 0.3291



11.1107, 0.6400, 0.3300



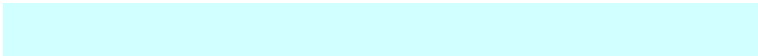
1.0822, 0.6400, 0.3301

Inverse Universe

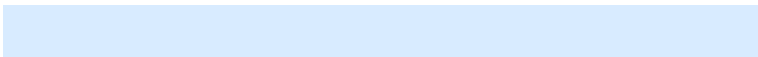
The Inverse Universe completely reimagines the original color for something new.



93.3259, 0.2894, 0.3289



92.2968, 0.2855, 0.3289



81.5169, 0.2886, 0.3087



20.4800, 0.2980, 0.3289



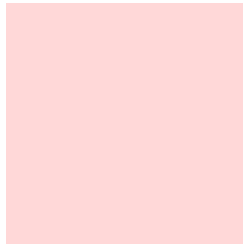
41.1059, 0.2246, 0.3286



4.0028, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 75.3296, 0.3416, 0.3291 looks on a white background.

Color Contrast Check

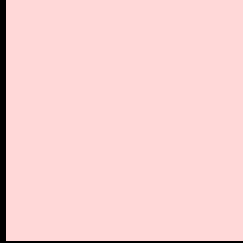
Large Text (above 18pt) WCAG AA × Fail

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 75.3296, 0.3416, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

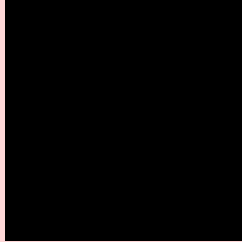
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

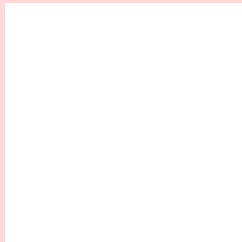
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3296, 0.3416, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 75.3296, 0.3416, 0.3291.



This preview shows how white text looks on a background with the Yxy color 75.3296, 0.3416, 0.3291.

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

75.3296, 0.3416, 0.3291

Protanopia

75.3548, 0.3189, 0.3322

Deuteranopia

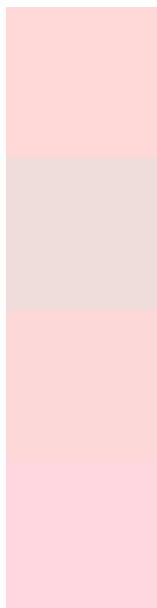
75.6099, 0.3383, 0.3311



Tritanopia

75.5740, 0.3317, 0.3141

Trichromacy



Original Color

75.3296, 0.3416, 0.3291

Protanomaly

75.1781, 0.3270, 0.3311

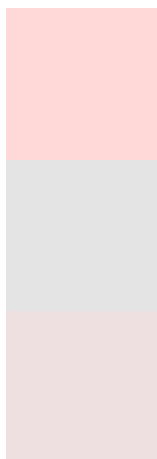
Deuteranomaly

75.2790, 0.3392, 0.3301

Tritanomaly

75.2971, 0.3353, 0.3190

Monochromacy



Original Color

75.3296, 0.3416, 0.3291

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 75.3296, 0.3416, 0.3291 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, 216, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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, 216, 216) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 75.3296, 0.3416, 0.3291 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, 216, 216) }
```

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

```
.border{ border-color:rgb(255, 216, 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, 216, 216)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 75.3296, 0.3416, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 216) }
```

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

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