

Converting Colors

$Y_{xy}(75.8650, 0.3394, 0.3269)$

Have a look what the booklet for
Yxy(75.8650, 0.3394, 0.3269)
contains.

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Color

Yxy(76.0002, 0.3393, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9DB
RGB	255, 217, 219
RGB Percent	100%, 85%, 86%
CMY	0.0000, 0.1490, 0.1413
CMYK	0.00, 0.15, 0.14, 0.00
HSL	357°, 100%, 93%
HSV	357°, 15%, 100%
XYZ	78.8348, 76.0002, 77.5104
YIQ	228.5900, 22.0060, 8.6780

Conversions

Conversions Part 2

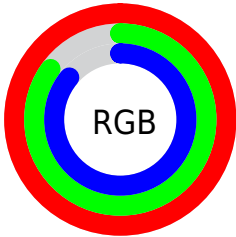
Format	Color
R _Y B	255, 217, 219
Decimal	16767451
CIE Lab	89.86, 13.49, 3.94
CIE LCh	90, 14.054, 16.270
Yxy	76.0002, 0.3393, 0.3271
Android (android.graphics.Color)	4294957531 (0xFFFFD9DB)
YUV	228.5900, -4.7279, 23.1616
Hunter-Lab	87.1781, 8.8552, 8.3097

Details

The Yxy color **76.0002, 0.3393, 0.3271** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.3661, 0.2910, 0.3309**, and the grayscale version is **78.0618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5268, 0.3457, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **62.6748, 0.3628, 0.3257**, and if you desaturate by 10%, it is **91.5484, 0.3205, 0.3284**.

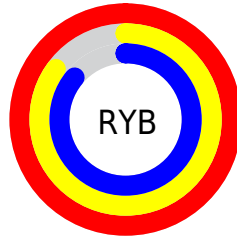
Distribution



Red (100%)

Green (85%)

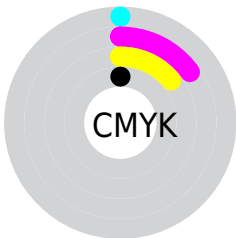
Blue (86%)



Red (100%)

Yellow (85%)

Blue (86%)

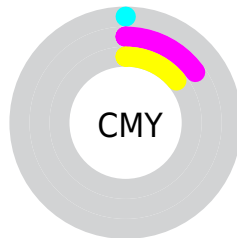


Cyan (0%)

Magenta (15%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0002, 0.3393, 0.3271 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 76.0002, 0.3393, 0.3271 by changing the saturation by 10% instead.

 76.0002, 0.3393,
0.3271

 76.0002, 0.3393,
0.3271


481.3484, 0.3270,
0.3281

 56.4327, 0.3421,
0.3269


127.7272, 0.3350,
0.3275

 40.5499, 0.3456,
0.3265


160.6554, 0.3334,
0.3276

 27.9676, 0.3499,
0.3261


198.8061, 0.3320,
0.3277

 18.3012, 0.3556,
0.3255

242.5634, 0.3307,
0.3278

 11.1665, 0.3634,
0.3247

292.3119, 0.3296,
0.3279

 6.1789, 0.3746,
0.3233

348.4360, 0.3287,

 2.9542, 0.3921,

0.3280

0.3210

411.3200, 0.3278,
0.3280

■ 1.1079, 0.4233,
0.3161

■ 0.0000, 1.0000,
0.0000

■ 76.0002, 0.3393,
0.3271

■ 76.0002, 0.3393,
0.3271

■ 62.6748, 0.3628,
0.3257

■ 91.5484, 0.3205,
0.3284

■ 51.4611, 0.3920,
0.3244

99.9996, 0.3127,
0.3290

■ 42.2538, 0.4277,
0.3232

■ 34.9345, 0.4696,
0.3223

■ 29.3725, 0.5161,
0.3221

■ 25.4203, 0.5626,
0.3228

■ 22.9063, 0.6024,
0.3245

■ 21.6201, 0.6287,
0.3270

■ 21.2890, 0.6364,
0.3279

Harmonies

Analogous

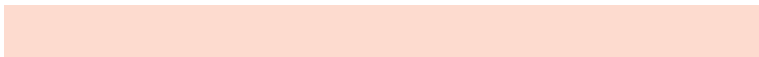
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0002, 0.3257, 0.3137



76.0002, 0.3393, 0.3271



76.0002, 0.3456, 0.3414

Triad

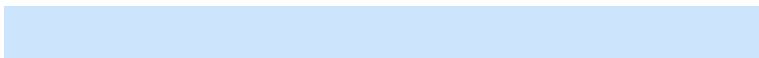
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0002, 0.3393, 0.3271



76.0002, 0.3159, 0.3556



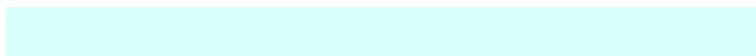
76.0002, 0.2833, 0.3047

Complementary

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



76.0002, 0.3393, 0.3271



93.3661, 0.2910, 0.3309

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.



76.0002, 0.2809, 0.3153



76.0002, 0.3393, 0.3271



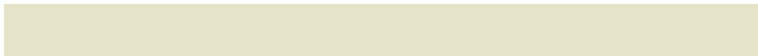
76.0002, 0.2994, 0.3451

Square

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



76.0002, 0.3393, 0.3271



76.0002, 0.3318, 0.3583



76.0002, 0.2867, 0.3301



76.0002, 0.2934, 0.3009

Rectangle

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



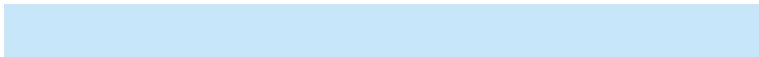
76.0002, 0.3393, 0.3271



76.0002, 0.3448, 0.3496



76.0002, 0.2867, 0.3301



76.0002, 0.2816, 0.3076

Sweetspot

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



76.0036, 0.3393, 0.3271



93.0564, 0.3190, 0.3285



77.6334, 0.3127, 0.2918



19.6473, 0.3203, 0.3284



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

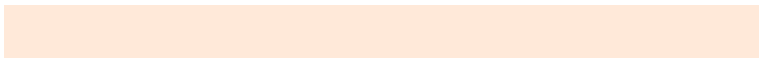
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0036, 0.3393, 0.3271



71.6366, 0.3460, 0.3267



84.8151, 0.3382, 0.3455



18.0023, 0.3286, 0.3278



11.1304, 0.6349, 0.3271



1.0888, 0.6228, 0.3204

Inverse Universe

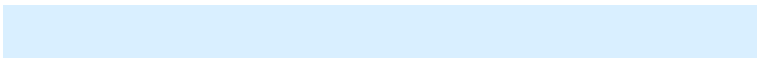
The Inverse Universe completely reimagines the original color for something new.



76.0036, 0.3393, 0.3271



71.6366, 0.3460, 0.3267



83.4352, 0.2894, 0.3119



18.0023, 0.3286, 0.3278



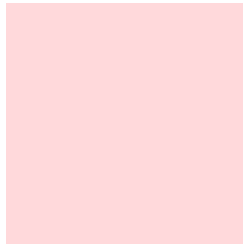
11.1304, 0.6349, 0.3271



1.0888, 0.6228, 0.3204

Previews

White Background



This preview shows how the Yxy color 76.0002, 0.3393, 0.3271 looks on a white background.

Color Contrast Check

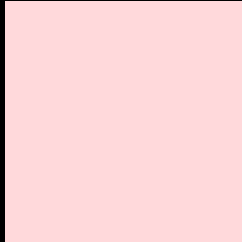
Large Text (above 18pt) WCAG AA × Fail

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 76.0002, 0.3393, 0.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

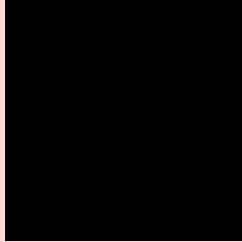
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0002, 0.3393, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 76.0002, 0.3393, 0.3271.



This preview shows how white text looks on a background with the Yxy color 76.0002, 0.3393, 0.3271.

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

76.0002, 0.3393, 0.3271

Protanopia

76.2212, 0.3176, 0.3301

Deuteranopia

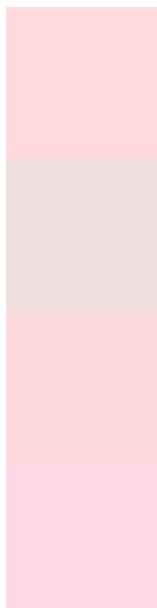
76.2867, 0.3360, 0.3291



Tritanopia

76.1413, 0.3309, 0.3141

Trichromacy



Original Color

76.0002, 0.3393, 0.3271

Protanomaly

76.0417, 0.3256, 0.3290

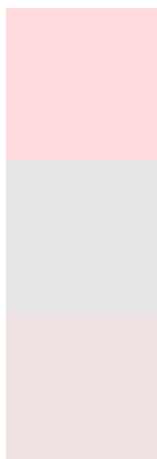
Deuteranomaly

75.9527, 0.3369, 0.3281

Tritanomaly

75.9178, 0.3337, 0.3180

Monochromacy



Original Color

76.0002, 0.3393, 0.3271

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.4638, 0.3219, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0002, 0.3393, 0.3271 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 219) }
```

Border

The CSS property to change the border of an element to Yxy 76.0002, 0.3393, 0.3271 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, 219) }
```

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

```
.border{ border-color:rgb(255, 217, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0002, 0.3393, 0.3271 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, 219) }
```

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

```
.background{ background-color: rgb(255,  
217, 219) }
```

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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