

Converting Colors

$Y_{xy}(75.4862, 0.3394, 0.3261)$

Have a look what the booklet for
Yxy(75.4862, 0.3394, 0.3261)
contains.

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Color

Yxy(75.4862, 0.3394, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8DB
RGB	255, 216, 219
RGB Percent	100%, 85%, 86%
CMY	0.0002, 0.1528, 0.1413
CMYK	0.00, 0.15, 0.14, 0.00
HSL	355°, 100%, 92%
HSV	355°, 15%, 100%
XYZ	78.5649, 75.4862, 77.4306
YIQ	228.0030, 22.2810, 9.2010

Conversions

Conversions Part 2

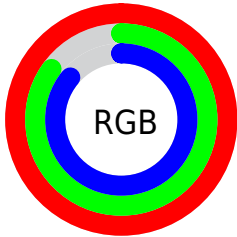
Format	Color
R _Y B	255, 216, 219
Decimal	16767195
CIE Lab	89.62, 13.99, 3.59
CIE LCh	90, 14.438, 14.382
Yxy	75.4862, 0.3394, 0.3261
Android (android.graphics.Color)	4294957275 (0xFFFFD8DB)
YUV	228.0030, -4.4385, 23.6764
Hunter-Lab	86.8828, 9.3661, 7.9782

Details

The Yxy color **75.4862, 0.3394, 0.3261** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.1179, 0.2910, 0.3319**, and the grayscale version is **77.6041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1758, 0.3459, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **62.2674, 0.3625, 0.3241**, and if you desaturate by 10%, it is **90.9141, 0.3209, 0.3280**.

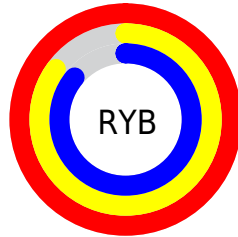
Distribution



Red (100%)

Green (85%)

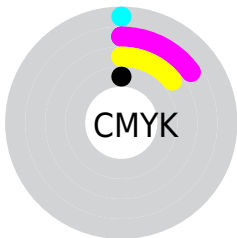
Blue (86%)



Red (100%)

Yellow (85%)

Blue (86%)

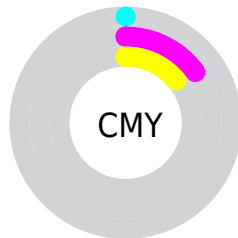


Cyan (0%)

Magenta (15%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4862, 0.3394, 0.3261 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 75.4862, 0.3394, 0.3261 by changing the saturation by 10% instead.


 75.4862, 0.3394,
0.3261

 75.4862, 0.3394,
0.3261


479.5870, 0.3271,
0.3275

 56.0113, 0.3422,
0.3257


127.0004, 0.3351,
0.3266

 40.2120, 0.3457,
0.3253


159.8084, 0.3335,
0.3268

 27.7039, 0.3501,
0.3247


197.8296, 0.3320,
0.3270

 18.1025, 0.3559,
0.3239

241.4484, 0.3308,
0.3271

 11.0236, 0.3637,
0.3228

291.0491, 0.3297,
0.3273

 6.0827, 0.3750,
0.3211

347.0162, 0.3287,

 2.8955, 0.3927,

0.3274

0.3181

409.7341, 0.3278,
0.3275

■ 1.0774, 0.4244,
0.3122

■ 0.0000, 1.0000,
0.0000

■ 75.4862, 0.3394,
0.3261

■ 75.4862, 0.3394,
0.3261

■ 62.2674, 0.3625,
0.3241

■ 90.9141, 0.3209,
0.3280

■ 51.1472, 0.3911,
0.3221

99.9900, 0.3127,
0.3290

■ 42.0205, 0.4260,
0.3202

■ 34.7695, 0.4671,
0.3189

■ 29.2637, 0.5127,
0.3184

■ 25.3560, 0.5587,
0.3193

■ 22.8753, 0.5986,
0.3217

■ 21.6109, 0.6260,
0.3253

■ 21.2981, 0.6340,
0.3267

Harmonies

Analogous

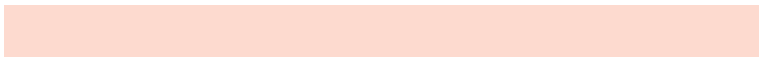
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4862, 0.3250, 0.3125



75.4862, 0.3394, 0.3261



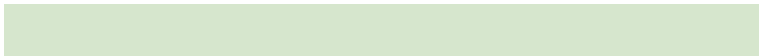
75.4862, 0.3465, 0.3408

Triad

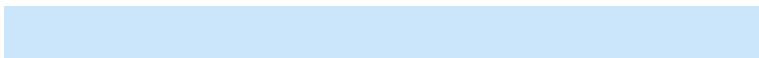
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4862, 0.3394, 0.3261



75.4862, 0.3171, 0.3568



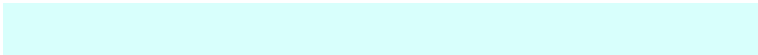
75.4862, 0.2821, 0.3045

Complementary

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



75.4862, 0.3394, 0.3261



93.1179, 0.2910, 0.3319

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.



75.4862, 0.2801, 0.3157



75.4862, 0.3394, 0.3261



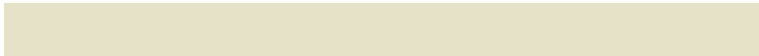
75.4862, 0.3000, 0.3464

Square

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



75.4862, 0.3394, 0.3261



75.4862, 0.3333, 0.3591



75.4862, 0.2866, 0.3311



75.4862, 0.2920, 0.3001

Rectangle

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



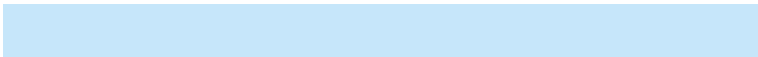
75.4862, 0.3394, 0.3261



75.4862, 0.3460, 0.3494



75.4862, 0.2866, 0.3311



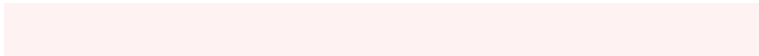
75.4862, 0.2805, 0.3076

Sweetspot

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



75.4896, 0.3394, 0.3261



91.3973, 0.3205, 0.3281



76.9831, 0.3122, 0.2908



19.3139, 0.3216, 0.3280



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

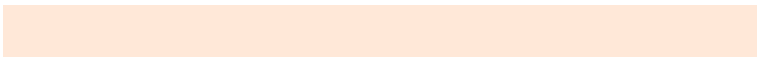
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4896, 0.3394, 0.3261



71.6927, 0.3452, 0.3256



84.0604, 0.3390, 0.3453



18.0094, 0.3282, 0.3272



11.1419, 0.6322, 0.3256



1.0922, 0.6150, 0.3162

Inverse Universe

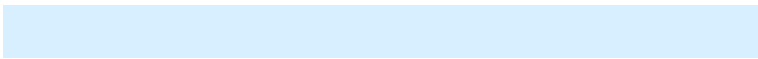
The Inverse Universe completely reimagines the original color for something new.



75.4896, 0.3394, 0.3261



71.6927, 0.3452, 0.3256



83.3956, 0.2888, 0.3122



18.0094, 0.3282, 0.3272



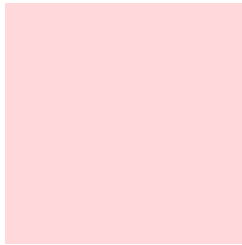
11.1419, 0.6322, 0.3256



1.0922, 0.6150, 0.3162

Previews

White Background



This preview shows how the Yxy color 75.4862, 0.3394, 0.3261 looks on a white background.

Color Contrast Check

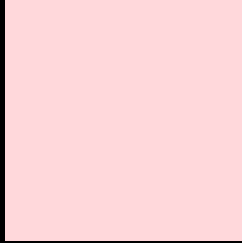
Large Text (above 18pt) WCAG AA × Fail

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 75.4862, 0.3394, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

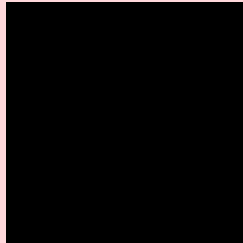
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.4862, 0.3394, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 75.4862, 0.3394, 0.3261.

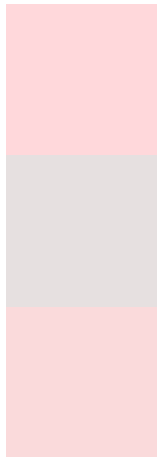


This preview shows how white text looks on a background with the Yxy color 75.4862, 0.3394, 0.3261.

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

75.4862, 0.3394, 0.3261

Protanopia

75.5161, 0.3169, 0.3290

Deuteranopia

75.5813, 0.3354, 0.3280



Tritanopia

75.6304, 0.3310, 0.3131

Trichromacy



Original Color

75.4862, 0.3394, 0.3261

Protanomaly

75.3376, 0.3249, 0.3280

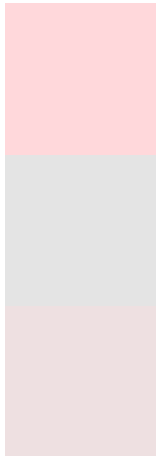
Deuteranomaly

75.4356, 0.3370, 0.3270

Tritanomaly

75.4069, 0.3338, 0.3170

Monochromacy



Original Color

75.4862, 0.3394, 0.3261

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.9247, 0.3219, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4862, 0.3394, 0.3261 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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, 216, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 219) }
```

Border

The CSS property to change the border of an element to Yxy 75.4862, 0.3394, 0.3261 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, 219) }
```

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

```
.border{ border-color:rgb(255, 216, 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, 216, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4862, 0.3394, 0.3261 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, 219) }
```

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

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