

Converting Colors

$Y_{xy}(75.5374, 0.3310, 0.3129)$

Have a look what the booklet for
Yxy(75.5374, 0.3310, 0.3129)
contains.

Yxy(75.6304, 0.3310, 0.3131)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.6304, 0.3310, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7E7
RGB	255, 215, 231
RGB Percent	100%, 84%, 91%
CMY	0.0001, 0.1568, 0.0942
CMYK	0.00, 0.16, 0.09, 0.00
HSL	336°, 100%, 92%
HSV	336°, 16%, 100%
XYZ	79.9542, 75.6304, 85.9689
YIQ	228.7840, 18.7040, 13.4560

Conversions

Conversions Part 2

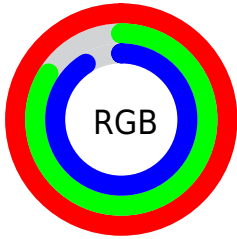
Format	Color
R_{YB}	255, 215, 231
Decimal	16766951
CIE _{Lab}	89.69, 16.45, -2.63
CIE _{LCh}	90, 16.655, 350.907
Yxy	75.6304, 0.3310, 0.3131
Android (android.graphics.Color)	4294957031 (0xFFFFD7E7)
YUV	228.7840, 1.0925, 22.9914
Hunter-Lab	86.9657, 11.9186, 2.2656

Details

The Yxy color **75.6304, 0.3310, 0.3131** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.1859, 0.2974, 0.3455**, and the grayscale version is **78.1688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2425, 0.3357, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **62.8156, 0.3460, 0.3023**, and if you desaturate by 10%, it is **90.5512, 0.3187, 0.3234**.

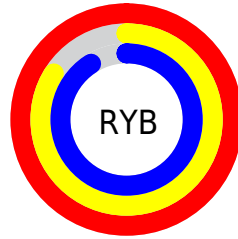
Distribution



Red (100%)

Green (84%)

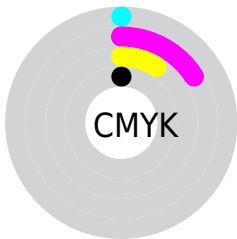
Blue (91%)



Red (100%)

Yellow (84%)

Blue (91%)

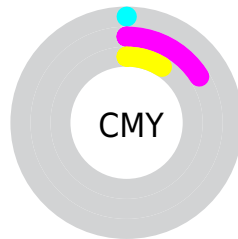


Cyan (0%)

Magenta (16%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.6304, 0.3310, 0.3131 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 75.6304, 0.3310, 0.3131 by changing the saturation by 10% instead.

 75.6304, 0.3310,
0.3131

 75.6304, 0.3310,
0.3131


480.0815, 0.3226,
0.3203

 56.1295, 0.3329,
0.3115


127.2043, 0.3281,
0.3156

 40.3068, 0.3352,
0.3095


160.0461, 0.3270,
0.3166

 27.7778, 0.3382,
0.3070


198.1037, 0.3260,
0.3174

 18.1582, 0.3420,
0.3037

241.7614, 0.3252,
0.3181

 11.0636, 0.3471,
0.2994

291.4036, 0.3244,
0.3188

 6.1097, 0.3545,
0.2932

347.4148, 0.3238,

 2.9119, 0.3658,

0.3194

0.2838

410.1793, 0.3232,
0.3199

■ 1.0859, 0.3856,
0.2678

■ 0.0000, 0.7158,
0.0000

■ 75.6304, 0.3310,
0.3131

■ 75.6304, 0.3310,
0.3131

■ 62.8156, 0.3460,
0.3023

■ 90.5512, 0.3187,
0.3234

■ 52.0013, 0.3641,
0.2914

99.9950, 0.3127,
0.3290

■ 43.0880, 0.3857,
0.2809

■ 35.9639, 0.4109,
0.2718

■ 30.5049, 0.4394,
0.2652

■ 26.5712, 0.4702,
0.2624

■ 23.9995, 0.5015,
0.2645

■ 22.5883, 0.5309,
0.2720

■ 22.2114, 0.5429,
0.2764

Harmonies

Analogous

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



75.6304, 0.3112, 0.3010



75.6304, 0.3310, 0.3131



75.6304, 0.3461, 0.3293

Triad

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



75.6304, 0.3310, 0.3131



75.6304, 0.3327, 0.3641



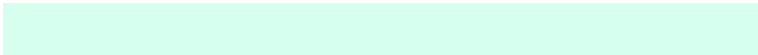
75.6304, 0.2749, 0.3102

Complementary

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



75.6304, 0.3310, 0.3131



92.1859, 0.2974, 0.3455

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.



75.6304, 0.2803, 0.3273



75.6304, 0.3310, 0.3131



75.6304, 0.3133, 0.3593

Square

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



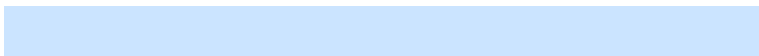
75.6304, 0.3310, 0.3131



75.6304, 0.3470, 0.3588



75.6304, 0.2942, 0.3456



75.6304, 0.2792, 0.2989

Rectangle

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



75.6304, 0.3310, 0.3131



75.6304, 0.3513, 0.3406



75.6304, 0.2942, 0.3456



75.6304, 0.2756, 0.3154

Sweetspot

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



75.6338, 0.3310, 0.3131



91.6498, 0.3179, 0.3241



74.1780, 0.3034, 0.2887



19.3751, 0.3187, 0.3234



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

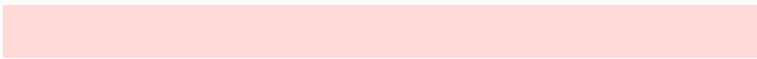
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6338, 0.3310, 0.3131



71.1536, 0.3357, 0.3095



76.8327, 0.3418, 0.3331



18.1073, 0.3231, 0.3195



11.6362, 0.5386, 0.2741



1.1538, 0.5085, 0.2575

Inverse Universe

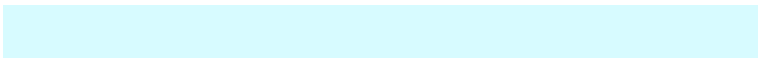
The Inverse Universe completely reimagines the original color for something new.



75.6338, 0.3310, 0.3131



71.1536, 0.3357, 0.3095



90.6489, 0.2887, 0.3248



18.1073, 0.3231, 0.3195



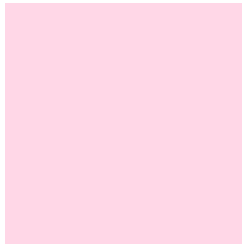
11.6362, 0.5386, 0.2741



1.1538, 0.5085, 0.2575

Previews

White Background



This preview shows how the Yxy color 75.6304, 0.3310, 0.3131 looks on a white background.

Color Contrast Check

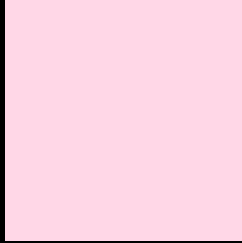
Large Text (above 18pt) WCAG AA × Fail

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 75.6304, 0.3310, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

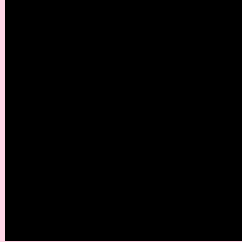
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.6304, 0.3310, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 75.6304, 0.3310, 0.3131.

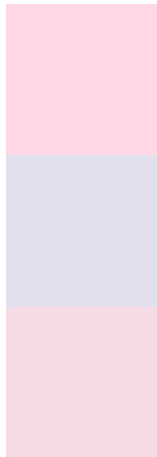


This preview shows how white text looks on a background with the Yxy color 75.6304, 0.3310, 0.3131.

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

75.6304, 0.3310, 0.3131

Protanopia

75.7566, 0.3064, 0.3153

Deuteranopia

75.7887, 0.3240, 0.3178



Tritanopia

75.6871, 0.3303, 0.3121

Trichromacy



Original Color

75.6304, 0.3310, 0.3131

Protanomaly

75.7156, 0.3148, 0.3146

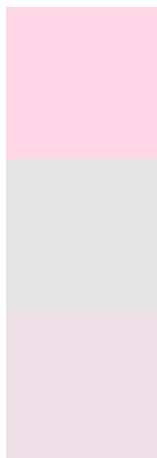
Deuteranomaly

75.9957, 0.3270, 0.3169

Tritanomaly

75.6871, 0.3303, 0.3121

Monochromacy



Original Color

75.6304, 0.3310, 0.3131

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.2016, 0.3186, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6304, 0.3310, 0.3131 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, 215, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 231)  
}
```

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, 215, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 231) }
```

Border

The CSS property to change the border of an element to Yxy 75.6304, 0.3310, 0.3131 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, 215, 231) }
```

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

```
.border{ border-color:rgb(255, 215, 231) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 215, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 215, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 215, 231); box-shadow:4px 4px 4px 4px rgb(255, 215, 231) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6304, 0.3310, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 231) }
```

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

```
.background{ background-color: rgb(255,  
215, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor