

Converting Colors

$Yxy(76.8049, 0.3774, 0.3404)$

Have a look what the booklet for
Yxy(76.8049, 0.3774, 0.3404)
contains.

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Color

Yxy(71.4304, 0.3560, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2C6
RGB	255, 210, 198
RGB Percent	100%, 82%, 78%
CMY	0.0000, 0.1765, 0.2234
CMYK	0.00, 0.18, 0.22, 0.00
HSL	13°, 100%, 89%
HSV	13°, 22%, 100%
XYZ	74.4851, 71.4304, 63.3124
YIQ	222.0870, 30.6720, 5.8080

Conversions

Conversions Part 2

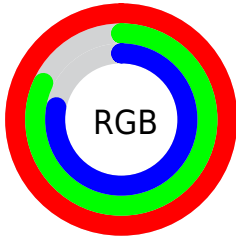
Format	Color
R _Y B	255, 213, 198
Decimal	16765638
CIE Lab	87.69, 14.02, 11.85
CIE LCh	88, 18.359, 40.201
Yxy	71.4304, 0.3560, 0.3414
Android (android.graphics.Color)	4294955718 (0xFFFFD2C6)
YUV	222.0870, -11.8749, 28.8647
Hunter-Lab	84.5165, 9.4097, 14.7467

Details

The Yxy color **71.4304, 0.3560, 0.3414** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.3580, 0.2785, 0.3162**, and the grayscale version is **73.1833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4621, 0.3673, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **61.0229, 0.3820, 0.3473**, and if you desaturate by 10%, it is **83.2922, 0.3343, 0.3356**.

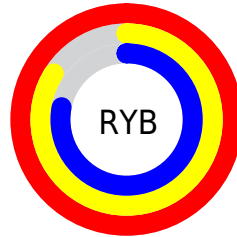
Distribution



Red (100%)

Green (82%)

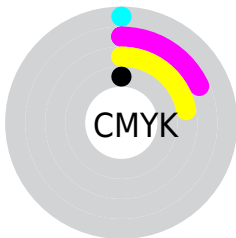
Blue (78%)



Red (100%)

Yellow (84%)

Blue (78%)

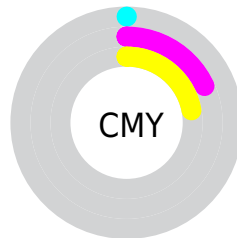


Cyan (0%)

Magenta (18%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (18%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4304, 0.3560, 0.3414 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 71.4304, 0.3560, 0.3414 by changing the saturation by 10% instead.


 71.4304, 0.3560,
0.3414

 71.4304, 0.3560,
0.3414


465.5566, 0.3357,
0.3360

 52.6935, 0.3607,
0.3425


121.2464, 0.3489,
0.3396

 37.5582, 0.3665,
0.3439


153.0942, 0.3462,
0.3389

 25.6399, 0.3739,
0.3456


190.0812, 0.3438,
0.3382

 16.5545, 0.3837,
0.3476

232.5917, 0.3418,
0.3377

 9.9174, 0.3970,
0.3502

281.0101, 0.3400,
0.3372

 5.3442, 0.4165,
0.3533

335.7208, 0.3384,

 2.4506, 0.4472,

0.3368

0.3568

397.1081, 0.3370,
0.3364

0.8517, 0.5562,
0.3976

0.0000, 1.0000,
0.0000

71.4304, 0.3560,
0.3414

71.4304, 0.3560,
0.3414

61.0229, 0.3820,
0.3473

83.2922, 0.3343,
0.3356

52.0076, 0.4130,
0.3531

96.6557, 0.3164,
0.3302

44.3265, 0.4489,
0.3581

100.0000, 0.3127,
0.3290

37.9151, 0.4888,
0.3616

■ 32.7035, 0.5304,
0.3624

■ 28.6147, 0.5695,
0.3598

■ 25.5620, 0.6012,
0.3534

■ 23.8552, 0.6187,
0.3470

Harmonies

Analogous

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



71.4304, 0.3452, 0.3225



71.4304, 0.3560, 0.3414



71.4304, 0.3547, 0.3580

Triad

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



71.4304, 0.3560, 0.3414



71.4304, 0.2991, 0.3542



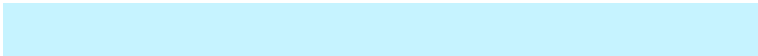
71.4304, 0.2836, 0.2920

Complementary

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



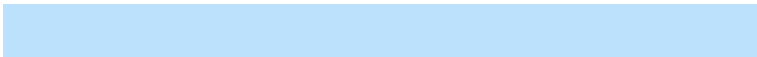
71.4304, 0.3560, 0.3414



83.3580, 0.2785, 0.3162

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.



71.4304, 0.2723, 0.2988



71.4304, 0.3560, 0.3414



71.4304, 0.2810, 0.3345

Square

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



71.4304, 0.3560, 0.3414



71.4304, 0.3213, 0.3664



71.4304, 0.2713, 0.3141



71.4304, 0.3029, 0.2947

Rectangle

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



71.4304, 0.3560, 0.3414



71.4304, 0.3472, 0.3654



71.4304, 0.2713, 0.3141



71.4304, 0.2788, 0.2932

Sweetspot

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



71.4324, 0.3560, 0.3414



90.2331, 0.3244, 0.3327



68.1754, 0.3235, 0.2838



19.1409, 0.3254, 0.3330



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.



71.4324, 0.3560, 0.3414



66.4006, 0.3676, 0.3442



86.4374, 0.3500, 0.3690



18.6048, 0.3289, 0.3341



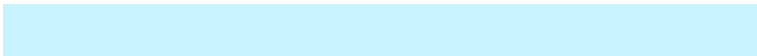
12.6366, 0.6162, 0.3490



1.3794, 0.5954, 0.3655

Inverse Universe

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



83.3580, 0.2785, 0.3162



80.3198, 0.2717, 0.3132



67.8984, 0.2762, 0.2855



19.7958, 0.2980, 0.3239



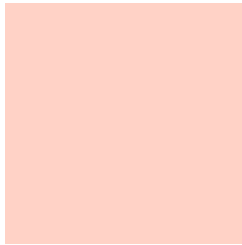
25.9377, 0.2055, 0.2599



2.6800, 0.2080, 0.2686

Previews

White Background



This preview shows how the Yxy color 71.4304, 0.3560, 0.3414 looks on a white background.

Color Contrast Check

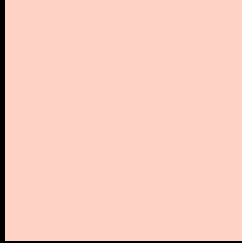
Large Text (above 18pt) WCAG AA × Fail

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 71.4304, 0.3560, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

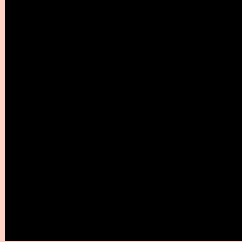
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4304, 0.3560, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 71.4304, 0.3560, 0.3414.



This preview shows how white text looks on a background with the Yxy color 71.4304, 0.3560, 0.3414.

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

71.4304, 0.3560, 0.3414

Protanopia

71.4688, 0.3302, 0.3465

Deuteranopia

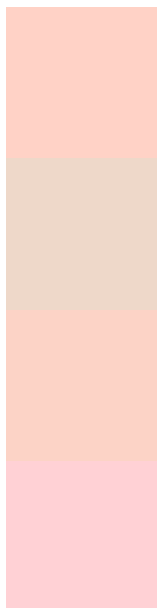
71.4882, 0.3517, 0.3437



Tritanopia

71.6457, 0.3384, 0.3149

Trichromacy



Original Color

71.4304, 0.3560, 0.3414

Protanomaly

71.5059, 0.3395, 0.3451

Deuteranomaly

71.3612, 0.3535, 0.3426

Tritanomaly

71.6650, 0.3449, 0.3250

Monochromacy



Original Color

71.4304, 0.3560, 0.3414

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.4393, 0.3278, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4304, 0.3560, 0.3414 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, 210, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 198)  
}
```

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, 210, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 198) }
```

Border

The CSS property to change the border of an element to Yxy 71.4304, 0.3560, 0.3414 is called "border". The border property can be set on classes, ids or directly on the HTML element.

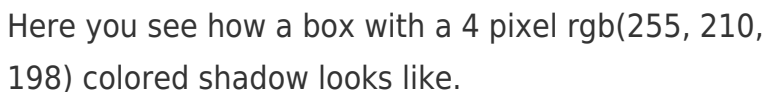
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 210, 198) }
```

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

```
.border{ border-color:rgb(255, 210, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 210, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 210, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 210, 198); box-shadow:4px 4px 4px 4px rgb(255, 210, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4304, 0.3560, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 198) }
```

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

```
.background{ background-color: rgb(255,  
210, 198) }
```

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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