

Converting Colors

$Yxy(74.5289, 0.3438, 0.3346)$

Have a look what the booklet for
Yxy(74.5289, 0.3438, 0.3346)
contains.

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Color

Yxy(74.6475, 0.3444, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	FDD8D2
RGB	253, 216, 210
RGB Percent	99%, 85%, 82%
CMY	0.0079, 0.1529, 0.1764
CMYK	0.00, 0.15, 0.17, 0.01
HSL	8°, 91%, 91%
HSV	8°, 17%, 99%
XYZ	76.6963, 74.6475, 71.3516
YIQ	226.3790, 23.9780, 5.9780

Conversions

Conversions Part 2

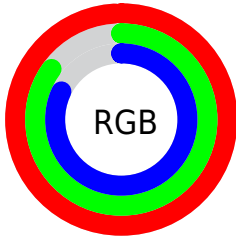
Format	Color
R _{YB}	253, 217, 210
Decimal	16636114
CIE Lab	89.23, 11.93, 7.71
CIE LCh	89, 14.202, 32.874
Yxy	74.6475, 0.3444, 0.3352
Android (android.graphics.Color)	4294826194 (0xFFFD8D2)
YUV	226.3790, -8.0748, 23.3466
Hunter-Lab	86.3988, 7.2568, 11.5151

Details

The Yxy color **74.6475, 0.3444, 0.3352** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.3211, 0.2867, 0.3227**, and the grayscale version is **76.3907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6258, 0.3516, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **63.0594, 0.3688, 0.3391**, and if you desaturate by 10%, it is **87.9201, 0.3244, 0.3315**.

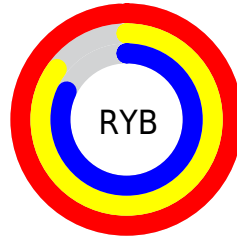
Distribution



Red (99%)

Green (85%)

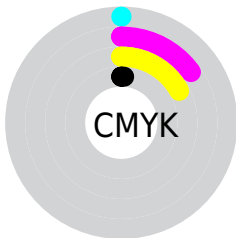
Blue (82%)



Red (99%)

Yellow (85%)

Blue (82%)

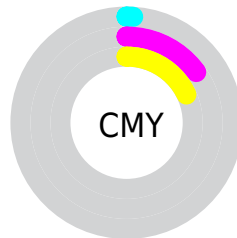


Cyan (0%)

Magenta (15%)

Yellow (17%)

Black (1%)



Cyan (1%)


Magenta (15%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6475, 0.3444, 0.3352 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 74.6475, 0.3444, 0.3352 by changing the saturation by 10% instead.

 74.6475, 0.3444,
0.3352

 74.6475, 0.3444,
0.3352

476.7051, 0.3297,
0.3325

 55.3242, 0.3478,
0.3358

125.8133, 0.3393,
0.3343

 39.6613, 0.3519,
0.3364

158.4245, 0.3373,
0.3340

 27.2746, 0.3572,
0.3372


196.2337, 0.3356,
0.3336

 17.7795, 0.3642,
0.3382

239.6255, 0.3341,
0.3334

 10.7918, 0.3736,
0.3395

288.9841, 0.3328,
0.3331

 5.9270, 0.3873,
0.3410

344.6940, 0.3317,

 2.8008, 0.4088,

0.3329

0.3428

407.1395, 0.3306,
0.3327

■ 1.0286, 0.4547,
0.3501

■ 0.0000, 1.0000,
0.0000

■ 74.6475, 0.3444,
0.3352

■ 74.6475, 0.3444,
0.3352

■ 63.0594, 0.3688,
0.3391

■ 87.9201, 0.3244,
0.3315

■ 53.0787, 0.3984,
0.3431

99.6211, 0.3115,
0.3290

■ 44.6372, 0.4337,
0.3467

■ 37.6579, 0.4742,
0.3495

■ 32.0571, 0.5182,
0.3507

■ 27.7426, 0.5616,
0.3497

■ 24.6106, 0.5987,
0.3460

■ 22.5403, 0.6240,
0.3400

■ 22.0976, 0.6295,
0.3384

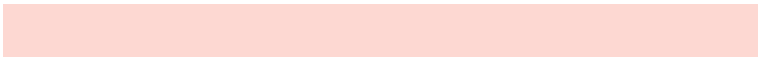
Harmonies

Analogous

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



74.6475, 0.3343, 0.3207



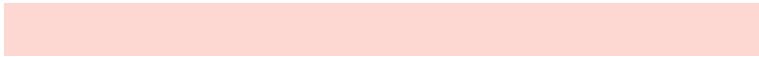
74.6475, 0.3444, 0.3352



74.6475, 0.3457, 0.3486

Triad

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



74.6475, 0.3444, 0.3352



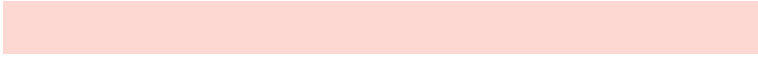
74.6475, 0.3064, 0.3509



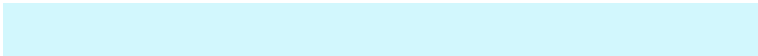
74.6475, 0.2877, 0.3012

Complementary

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



74.6475, 0.3444, 0.3352



87.3211, 0.2867, 0.3227

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.



74.6475, 0.2807, 0.3084



74.6475, 0.3444, 0.3352



74.6475, 0.2913, 0.3372

Square

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



74.6475, 0.3444, 0.3352



74.6475, 0.3235, 0.3583



74.6475, 0.2820, 0.3214



74.6475, 0.3013, 0.3014

Rectangle

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



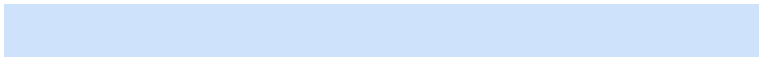
74.6475, 0.3444, 0.3352



74.6475, 0.3415, 0.3551



74.6475, 0.2820, 0.3214



74.6475, 0.2845, 0.3028

Sweetspot

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



74.6509, 0.3444, 0.3352



92.4030, 0.3209, 0.3307



73.7164, 0.3186, 0.2922



19.5572, 0.3222, 0.3310



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.



74.6509, 0.3444, 0.3352



72.2603, 0.3513, 0.3364



86.2405, 0.3409, 0.3563



18.3950, 0.3291, 0.3324



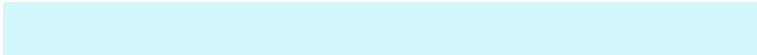
11.8764, 0.6276, 0.3399



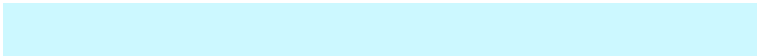
1.2744, 0.6097, 0.3541

Inverse Universe

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



87.3211, 0.2867, 0.3227



87.1277, 0.2822, 0.3215



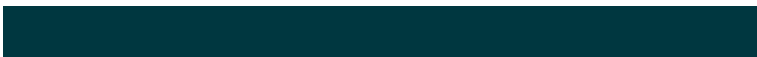
75.0676, 0.2856, 0.3001



20.0245, 0.2980, 0.3256



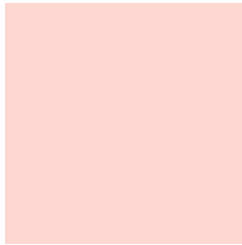
30.5413, 0.2123, 0.2841



3.0873, 0.2138, 0.2898

Previews

White Background



This preview shows how the Yxy color 74.6475, 0.3444, 0.3352 looks on a white background.

Color Contrast Check

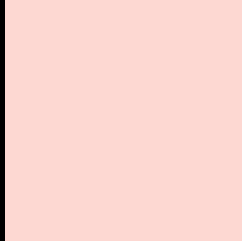
Large Text (above 18pt) WCAG AA × Fail

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 74.6475, 0.3444, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

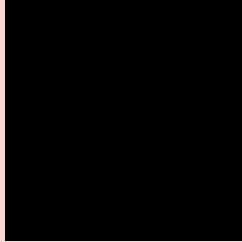
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

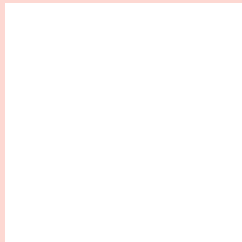
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6475, 0.3444, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 74.6475, 0.3444, 0.3352.

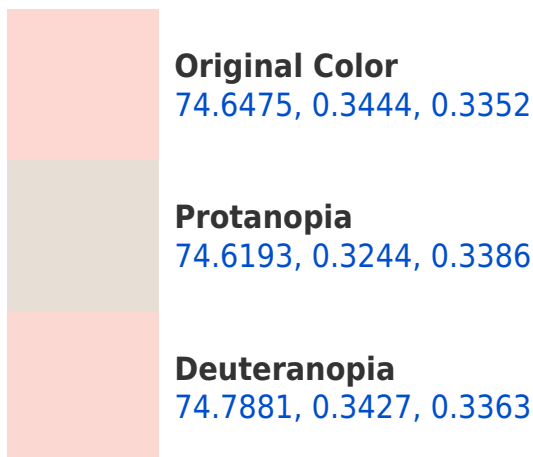


This preview shows how white text looks on a background with the Yxy color 74.6475, 0.3444, 0.3352.

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





Tritanopia

74.5617, 0.3319, 0.3120

Trichromacy



Original Color

74.6475, 0.3444, 0.3352

Protanomaly

74.3412, 0.3312, 0.3364

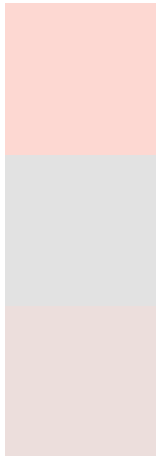
Deuteranomaly

74.9743, 0.3435, 0.3362

Tritanomaly

74.4917, 0.3361, 0.3200

Monochromacy



Original Color

74.6475, 0.3444, 0.3352

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.2427, 0.3240, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6475, 0.3444, 0.3352 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(253, 216, 210)` looks like.

```
.text, #text, p{  
    color:rgb(253, 216, 210)  
}
```

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(253, 216, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 216, 210) }
```

Border

The CSS property to change the border of an element to Yxy 74.6475, 0.3444, 0.3352 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(253, 216, 210) }
```

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

```
.border{ border-color:rgb(253, 216, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 216, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 216, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 216, 210);  
box-shadow:4px 4px 4px 4px rgb(253, 216,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6475, 0.3444, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 216, 210) }
```

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

```
.background{ background-color: rgb(253,  
216, 210) }
```

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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