

Converting Colors

$Yxy(74.8247, 0.3304, 0.3277)$

Have a look what the booklet for
Yxy(74.8247, 0.3304, 0.3277)
contains.

Yxy(75.0634, 0.3302, 0.3280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.0634, 0.3302, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F4DBDC
RGB	244, 219, 220
RGB Percent	96%, 86%, 86%
CMY	0.0430, 0.1412, 0.1372
CMYK	0.00, 0.10, 0.10, 0.04
HSL	358°, 53%, 91%
HSV	358°, 10%, 96%
XYZ	75.5669, 75.0634, 78.2216
YIQ	226.5890, 14.5790, 5.6110

Conversions

Conversions Part 2

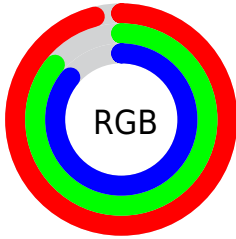
Format	Color
R _Y B	244, 219, 220
Decimal	16047068
CIE Lab	89.42, 8.79, 2.64
CIE LCh	89, 9.179, 16.715
Yxy	75.0634, 0.3302, 0.3280
Android (android.graphics.Color)	4294237148 (0xFFF4DBDC)
YUV	226.5890, -3.2484, 15.2694
Hunter-Lab	86.6391, 4.0697, 7.1178

Details

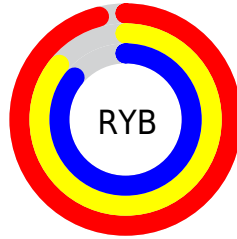
The Yxy color **75.0634, 0.3302, 0.3280** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.2521, 0.2975, 0.3300**, and the grayscale version is **76.5227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9589, 0.3347, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **62.0988, 0.3516, 0.3270**, and if you desaturate by 10%, it is **90.0749, 0.3131, 0.3290**.

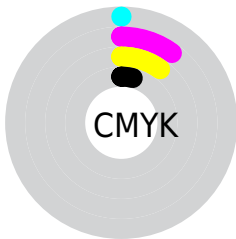
Distribution



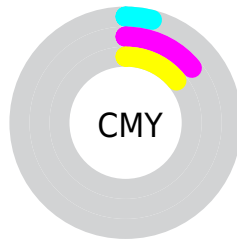
- Red (96%)
- Green (86%)
- Blue (86%)



- Red (96%)
- Yellow (86%)
- Blue (86%)



- Cyan (0%)
- Magenta (10%)
- Yellow (10%)
- Black (4%)




- Cyan (4%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0634, 0.3302, 0.3280 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 75.0634, 0.3302, 0.3280 by changing the saturation by 10% instead.

 75.0634, 0.3302,
0.3280

 75.0634, 0.3302,
0.3280


478.1355, 0.3221,
0.3285

 55.6648, 0.3320,
0.3279


126.4021, 0.3274,
0.3282

 39.9343, 0.3343,
0.3277


159.1110, 0.3263,
0.3283

 27.4873, 0.3372,
0.3275


197.0255, 0.3254,
0.3283

 17.9395, 0.3410,
0.3272

240.5300, 0.3246,
0.3284

 10.9066, 0.3461,
0.3268

290.0088, 0.3238,
0.3284

 6.0041, 0.3536,
0.3261

345.8464, 0.3232,

 2.8475, 0.3653,

0.3285

0.3249

408.4272, 0.3226,
0.3285

1.0527, 0.3863,
0.3224

0.0000, 1.0000,
0.0000

75.0634, 0.3302,
0.3280

75.0634, 0.3302,
0.3280

62.0988, 0.3516,
0.3270

90.0749, 0.3131,
0.3290

51.0830, 0.3783,
0.3259

97.9789, 0.3060,
0.3290

41.9248, 0.4112,
0.3249

34.5220, 0.4506,
0.3241

■ 28.7623, 0.4957,
0.3237

■ 24.5205, 0.5431,
0.3240

■ 21.6535, 0.5868,
0.3250

■ 19.9908, 0.6197,
0.3268

■ 19.2606, 0.6371,
0.3283

Harmonies

Analogous

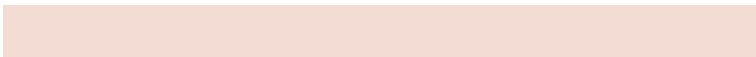
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0634, 0.3214, 0.3190



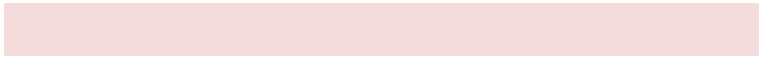
75.0634, 0.3302, 0.3280



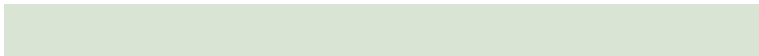
75.0634, 0.3342, 0.3374

Triad

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



75.0634, 0.3302, 0.3280



75.0634, 0.3147, 0.3462



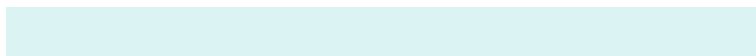
75.0634, 0.2934, 0.3130

Complementary

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



75.0634, 0.3302, 0.3280



86.2521, 0.2975, 0.3300

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.



75.0634, 0.2917, 0.3200



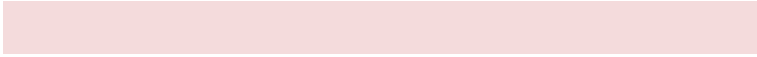
75.0634, 0.3302, 0.3280



75.0634, 0.3039, 0.3393

Square

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



75.0634, 0.3302, 0.3280



75.0634, 0.3252, 0.3481



75.0634, 0.2955, 0.3297



75.0634, 0.3002, 0.3104

Rectangle

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



75.0634, 0.3302, 0.3280



75.0634, 0.3336, 0.3427



75.0634, 0.2955, 0.3297



75.0634, 0.2922, 0.3149

Sweetspot

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



75.0667, 0.3302, 0.3280



94.7520, 0.3174, 0.3287



76.2093, 0.3130, 0.3037



19.9882, 0.3187, 0.3286



0.0000, 0.0000, 0.0000



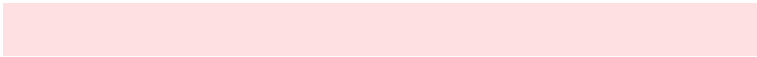
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0667, 0.3302, 0.3280



80.2579, 0.3336, 0.3278



81.0923, 0.3296, 0.3406



16.4934, 0.3287, 0.3281



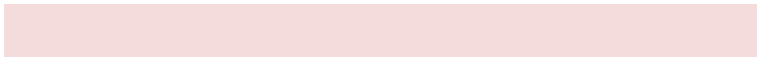
10.4744, 0.6358, 0.3276



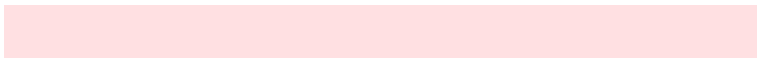
0.9244, 0.6253, 0.3218

Inverse Universe

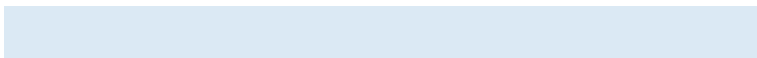
The Inverse Universe completely reimagines the original color for something new.



75.0667, 0.3302, 0.3280



80.2579, 0.3336, 0.3278



79.7377, 0.2968, 0.3171



16.4934, 0.3287, 0.3281



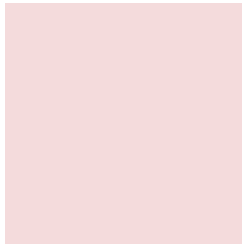
10.4744, 0.6358, 0.3276



0.9244, 0.6253, 0.3218

Previews

White Background



This preview shows how the Yxy color 75.0634, 0.3302, 0.3280 looks on a white background.

Color Contrast Check

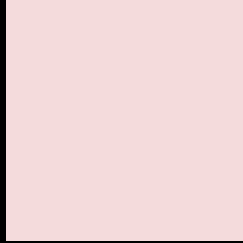
Large Text (above 18pt) WCAG AA × Fail

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 75.0634, 0.3302, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

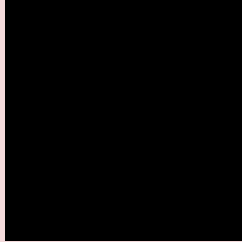
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.0634, 0.3302, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 75.0634, 0.3302, 0.3280.

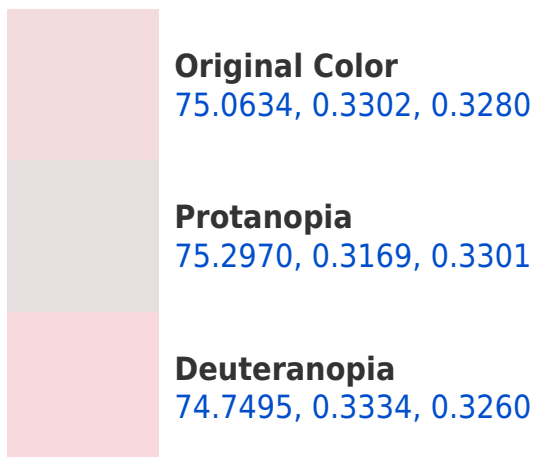


This preview shows how white text looks on a background with the Yxy color 75.0634, 0.3302, 0.3280.

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

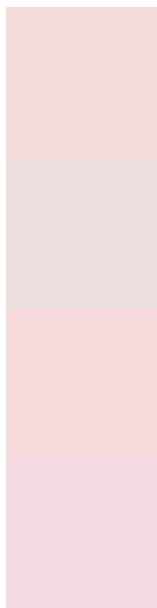




Tritanopia

75.1591, 0.3222, 0.3118

Trichromacy



Original Color

75.0634, 0.3302, 0.3280

Protanomaly

75.0089, 0.3213, 0.3290

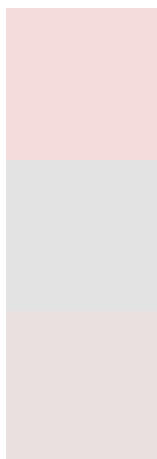
Deuteranomaly

75.0843, 0.3325, 0.3270

Tritanomaly

75.2124, 0.3248, 0.3178

Monochromacy



Original Color

75.0634, 0.3302, 0.3280

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.0168, 0.3191, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0634, 0.3302, 0.3280 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(244, 219, 220)` looks like.

```
.text, #text, p{  
    color:rgb(244, 219, 220)  
}
```

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(244, 219, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 219, 220) }
```

Border

The CSS property to change the border of an element to Yxy 75.0634, 0.3302, 0.3280 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(244, 219, 220) }
```

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

```
.border{ border-color:rgb(244, 219, 220) }
```

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

Here you see how a box with a 4 pixel rgb(244, 219, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 219, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 219, 220);  
box-shadow:4px 4px 4px 4px rgb(244, 219,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0634, 0.3302, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 219, 220) }
```

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

```
.background{ background-color: rgb(244,  
219, 220) }
```

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