

Converting Colors

$Yxy(75.2415, 0.3394, 0.3393)$

Have a look what the booklet for
Yxy(75.2415, 0.3394, 0.3393)
contains.

Yxy(75.0903, 0.3394, 0.3384)	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(75.0903, 0.3394, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	F7DBD2
RGB	247, 219, 210
RGB Percent	97%, 86%, 82%
CMY	0.0315, 0.1411, 0.1765
CMYK	0.00, 0.11, 0.15, 0.03
HSL	15°, 70%, 90%
HSV	15°, 15%, 97%
XYZ	75.3122, 75.0903, 71.4956
YIQ	226.3460, 19.5770, 3.1370

Conversions

Conversions Part 2

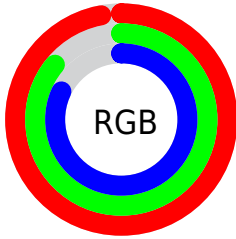
Format	Color
R _Y B	247, 222, 210
Decimal	16243666
CIE Lab	89.44, 8.22, 7.95
CIE LCh	89, 11.433, 44.059
Yxy	75.0903, 0.3394, 0.3384
Android (android.graphics.Color)	4294433746 (0xFFF7DBD2)
YUV	226.3460, -8.0586, 18.1136
Hunter-Lab	86.6547, 3.4900, 11.7403

Details

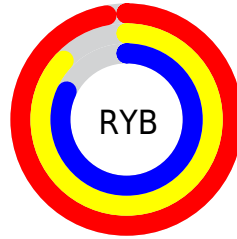
The Yxy color **75.0903, 0.3394, 0.3384** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.5310, 0.2896, 0.3194**, and the grayscale version is **76.3648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8984, 0.3450, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **64.7536, 0.3618, 0.3451**, and if you desaturate by 10%, it is **86.7163, 0.3208, 0.3320**.

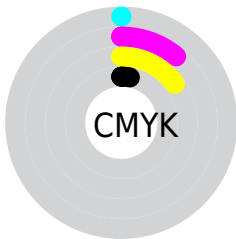
Distribution



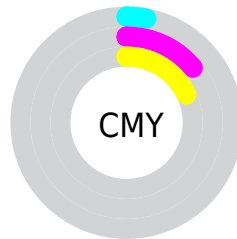
- Red (97%)
- Green (86%)
- Blue (82%)



- Red (97%)
- Yellow (87%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (3%)




- Cyan (3%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0903, 0.3394, 0.3384 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 75.0903, 0.3394, 0.3384 by changing the saturation by 10% instead.


 75.0903, 0.3394,
0.3384

 75.0903, 0.3394,
0.3384


478.2279, 0.3270,
0.3342

 55.6869, 0.3422,
0.3393


126.4402, 0.3351,
0.3370

 39.9519, 0.3457,
0.3404


159.1554, 0.3334,
0.3364

 27.5011, 0.3502,
0.3418


197.0767, 0.3320,
0.3359

 17.9499, 0.3559,
0.3436

240.5885, 0.3308,
0.3355

 10.9140, 0.3639,
0.3459

290.0751, 0.3297,
0.3351

 6.0090, 0.3753,
0.3490

345.9209, 0.3287,

 2.8506, 0.3932,

0.3348

0.3535

408.5104, 0.3278,
0.3345

1.0542, 0.4321,
0.3660

0.0000, 1.0000,
0.0000

75.0903, 0.3394,
0.3384

75.0903, 0.3394,
0.3384

64.7536, 0.3618,
0.3451

86.7163, 0.3208,
0.3320

55.6514, 0.3884,
0.3520

98.5076, 0.3078,
0.3290

47.7401, 0.4197,
0.3585

40.9693, 0.4555,
0.3641

■ 35.2850, 0.4946,
0.3677

■ 30.6285, 0.5345,
0.3682

■ 26.9355, 0.5713,
0.3646

■ 24.1329, 0.6004,
0.3570

■ 23.0270, 0.6118,
0.3524

Harmonies

Analogous

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



75.0903, 0.3338, 0.3266



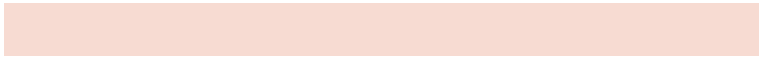
75.0903, 0.3394, 0.3384



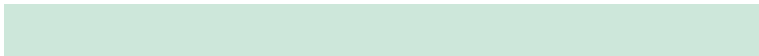
75.0903, 0.3377, 0.3480

Triad

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



75.0903, 0.3394, 0.3384



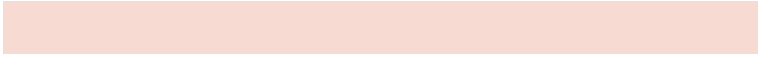
75.0903, 0.3028, 0.3429



75.0903, 0.2962, 0.3059

Complementary

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



75.0903, 0.3394, 0.3384



81.5310, 0.2896, 0.3194

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.



75.0903, 0.2883, 0.3096



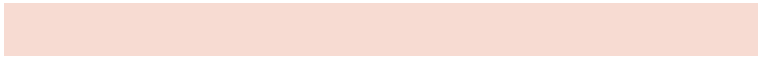
75.0903, 0.3394, 0.3384



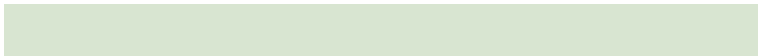
75.0903, 0.2920, 0.3309

Square

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



75.0903, 0.3394, 0.3384



75.0903, 0.3164, 0.3510



75.0903, 0.2868, 0.3187



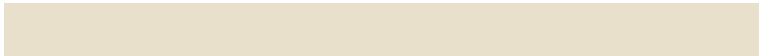
75.0903, 0.3086, 0.3082

Rectangle

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



75.0903, 0.3394, 0.3384



75.0903, 0.3327, 0.3519



75.0903, 0.2868, 0.3187



75.0903, 0.2929, 0.3065

Sweetspot

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



75.0937, 0.3394, 0.3384



94.5388, 0.3192, 0.3314



72.0533, 0.3204, 0.3003



20.0209, 0.3204, 0.3319



0.0000, 0.0000, 0.0000



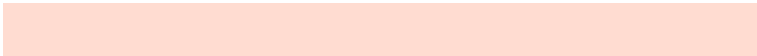
21.4041, 0.3127, 0.3290

Same Dimension

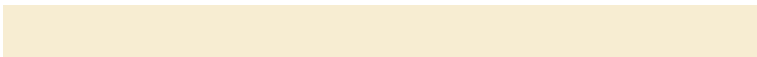
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0937, 0.3394, 0.3384



77.2126, 0.3458, 0.3404



85.0508, 0.3367, 0.3566



17.1391, 0.3288, 0.3348



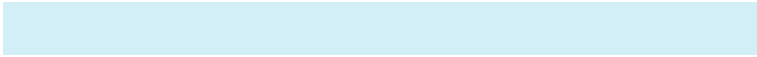
12.3672, 0.6090, 0.3546



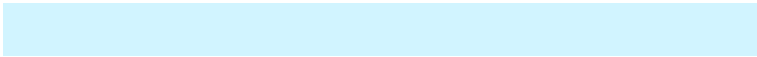
1.2417, 0.5851, 0.3737

Inverse Universe

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



81.5310, 0.2896, 0.3194



85.3708, 0.2849, 0.3173



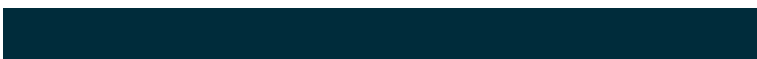
71.5257, 0.2889, 0.2998



18.0326, 0.2980, 0.3231



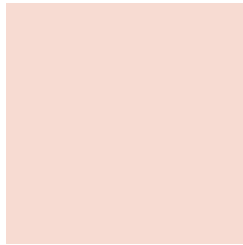
22.5207, 0.2022, 0.2480



2.1388, 0.2054, 0.2594

Previews

White Background



This preview shows how the Yxy color 75.0903, 0.3394, 0.3384 looks on a white background.

Color Contrast Check

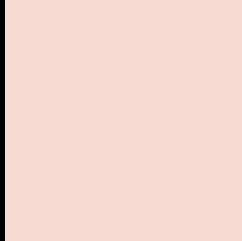
Large Text (above 18pt) WCAG AA × Fail

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 75.0903, 0.3394, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

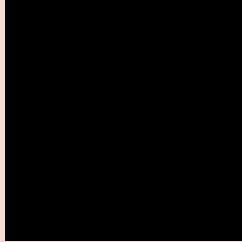
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

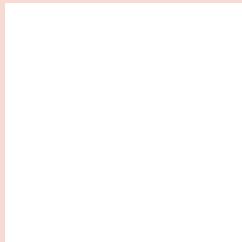
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0903, 0.3394, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 75.0903, 0.3394, 0.3384.

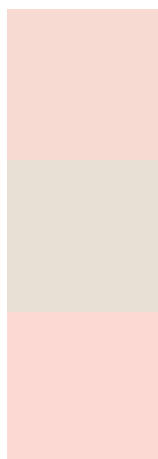


This preview shows how white text looks on a background with the Yxy color 75.0903, 0.3394, 0.3384.

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

75.0903, 0.3394, 0.3384

Protanopia

75.2712, 0.3257, 0.3407

Deuteranopia

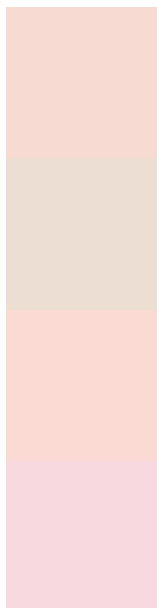
74.9743, 0.3435, 0.3362



Tritanopia

75.2619, 0.3265, 0.3129

Trichromacy



Original Color

75.0903, 0.3394, 0.3384

Protanomaly

75.0005, 0.3302, 0.3396

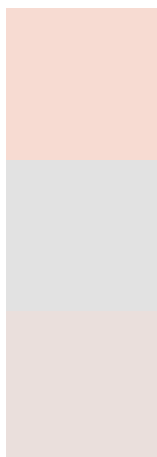
Deuteranomaly

75.1199, 0.3418, 0.3373

Tritanomaly

75.1473, 0.3313, 0.3219

Monochromacy



Original Color

75.0903, 0.3394, 0.3384

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.4351, 0.3225, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0903, 0.3394, 0.3384 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(247, 219, 210)` looks like.

```
.text, #text, p{  
    color:rgb(247, 219, 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(247, 219, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 219, 210) }
```

Border

The CSS property to change the border of an element to Yxy 75.0903, 0.3394, 0.3384 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(247, 219, 210) }
```

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

```
.border{ border-color:rgb(247, 219, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 219, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 219, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 219, 210);  
box-shadow:4px 4px 4px 4px rgb(247, 219,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0903, 0.3394, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 219, 210) }
```

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

```
.background{ background-color: rgb(247,  
219, 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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