

Converting Colors

$Yxy(74.5682, 0.3395, 0.3435)$

Have a look what the booklet for
Yxy(74.5682, 0.3395, 0.3435)
contains.

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Color

Yxy(74.6973, 0.3391, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	F3DCCE
RGB	243, 220, 206
RGB Percent	95%, 86%, 81%
CMY	0.0471, 0.1372, 0.1921
CMYK	0.00, 0.09, 0.15, 0.05
HSL	23°, 61%, 88%
HSV	23°, 15%, 95%
XYZ	73.6976, 74.6973, 68.9380
YIQ	225.2810, 18.2020, 0.5220

Conversions

Conversions Part 2

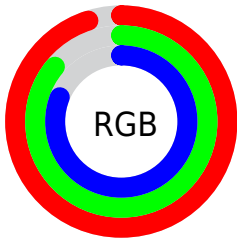
Format	Color
R _Y B	243, 229, 206
Decimal	15981774
CIE Lab	89.25, 5.68, 9.73
CIE LCh	89, 11.267, 59.729
Yxy	74.6973, 0.3391, 0.3437
Android (android.graphics.Color)	4294171854 (0xFFF3DCCE)
YUV	225.2810, -9.5055, 15.5396
Hunter-Lab	86.4276, 0.9602, 13.2073

Details

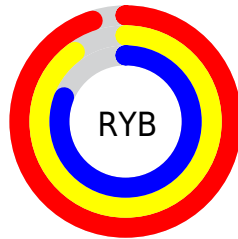
The Yxy color $74.6973, 0.3391, 0.3437$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $75.6432, 0.2890, 0.3138$, and the grayscale version is $75.5704, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.7421, 0.3455, 0.3466$ is the 20% darker color. If you saturate the color by 10%, you get $66.0323, 0.3602, 0.3540$, and if you desaturate by 10%, it is $84.2685, 0.3211, 0.3339$.

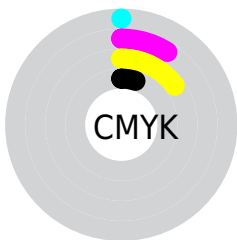
Distribution



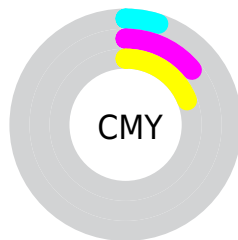
- Red (95%)
- Green (86%)
- Blue (81%)



- Red (95%)
- Yellow (90%)
- Blue (81%)



- Cyan (0%)
- Magenta (9%)
- Yellow (15%)
- Black (5%)




- Cyan (5%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6973, 0.3391, 0.3437 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 74.6973, 0.3391, 0.3437 by changing the saturation by 10% instead.


 74.6973, 0.3391,
0.3437

 74.6973, 0.3391,
0.3437

476.8765, 0.3269,
0.3370

 55.3649, 0.3419,
0.3452

125.8838, 0.3349,
0.3414

 39.6940, 0.3453,
0.3470


158.5067, 0.3332,
0.3405

 27.3000, 0.3497,
0.3493


196.3286, 0.3318,
0.3397

 17.7987, 0.3555,
0.3522

239.7339, 0.3306,
0.3391

 10.8055, 0.3633,
0.3561

289.1069, 0.3295,
0.3385

 5.9362, 0.3745,
0.3615

344.8321, 0.3285,

 2.8063, 0.3921,

0.3379

0.3695

407.2938, 0.3277,
0.3375

■ 1.0315, 0.4378,
0.3955

■ 0.0000, 1.0000,
0.0000

■ 74.6973, 0.3391,
0.3437

■ 74.6973, 0.3391,
0.3437

■ 66.0323, 0.3602,
0.3540

■ 84.2685, 0.3211,
0.3339

■ 58.2363, 0.3846,
0.3645

■ 94.7620, 0.3057,
0.3247

■ 51.2839, 0.4125,
0.3746

■ 97.7947, 0.3054,
0.3290

■ 45.1447, 0.4434,
0.3835

■ 39.7862, 0.4766,
0.3900

■ 35.1734, 0.5102,
0.3928

■ 31.2679, 0.5415,
0.3908

■ 28.0264, 0.5678,
0.3835

■ 26.6903, 0.5787,
0.3787

Harmonies

Analogous

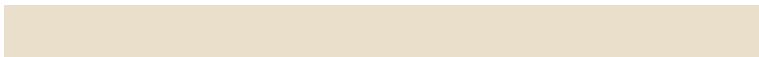
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6973, 0.3372, 0.3328



74.6973, 0.3391, 0.3437



74.6973, 0.3337, 0.3510

Triad

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



74.6973, 0.3391, 0.3437



74.6973, 0.2968, 0.3368



74.6973, 0.3024, 0.3067

Complementary

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



74.6973, 0.3391, 0.3437



75.6432, 0.2890, 0.3138

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.



74.6973, 0.2919, 0.3073



74.6973, 0.3391, 0.3437



74.6973, 0.2888, 0.3244

Square

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



74.6973, 0.3391, 0.3437



74.6973, 0.3092, 0.3472



74.6973, 0.2870, 0.3136



74.6973, 0.3158, 0.3118

Rectangle

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



74.6973, 0.3391, 0.3437



74.6973, 0.3268, 0.3527



74.6973, 0.2870, 0.3136



74.6973, 0.2984, 0.3062

Sweetspot

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



74.7006, 0.3391, 0.3437



94.2511, 0.3207, 0.3337



68.8888, 0.3241, 0.3048



20.0052, 0.3219, 0.3344



0.0000, 0.0000, 0.0000



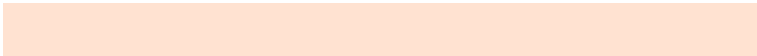
21.4041, 0.3127, 0.3290

Same Dimension

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



74.7006, 0.3391, 0.3437



80.5102, 0.3447, 0.3466



84.7015, 0.3363, 0.3620



17.5094, 0.3284, 0.3380



14.8877, 0.5758, 0.3810



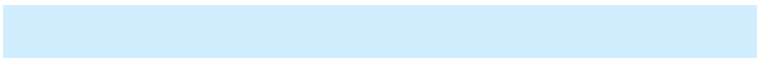
1.4998, 0.5524, 0.3996

Inverse Universe

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



75.6432, 0.2890, 0.3138



81.7311, 0.2846, 0.3107



66.1598, 0.2882, 0.2938



17.6434, 0.2980, 0.3198



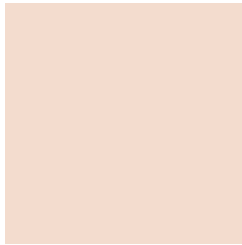
15.9862, 0.1889, 0.2001



1.6026, 0.1939, 0.2180

Previews

White Background



This preview shows how the Yxy color 74.6973, 0.3391, 0.3437 looks on a white background.

Color Contrast Check

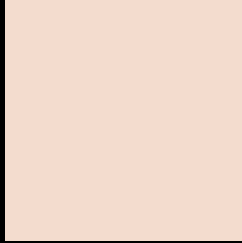
Large Text (above 18pt) WCAG AA × Fail

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 74.6973, 0.3391, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

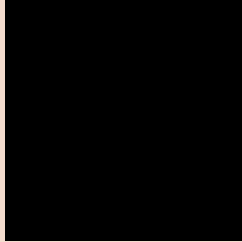
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6973, 0.3391, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 74.6973, 0.3391, 0.3437.

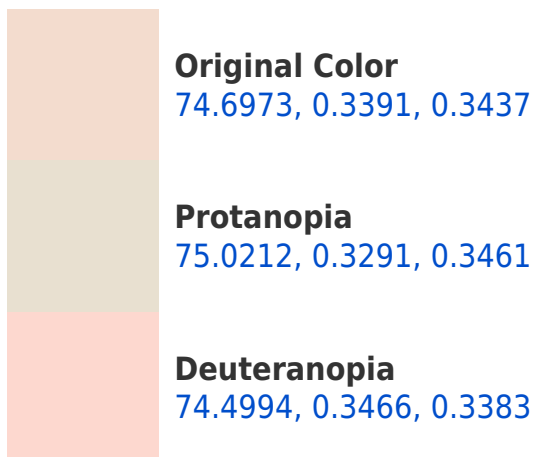


This preview shows how white text looks on a background with the Yxy color 74.6973, 0.3391, 0.3437.

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

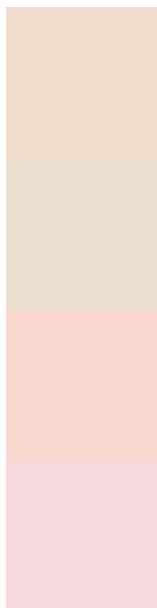




Tritanopia

74.7691, 0.3237, 0.3118

Trichromacy



Original Color

74.6973, 0.3391, 0.3437

Protanomaly

75.1132, 0.3328, 0.3460

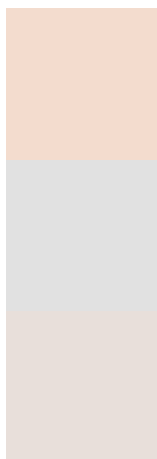
Deuteranomaly

74.2704, 0.3434, 0.3394

Tritanomaly

74.5463, 0.3298, 0.3229

Monochromacy



Original Color

74.6973, 0.3391, 0.3437

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.9931, 0.3224, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6973, 0.3391, 0.3437 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(243, 220, 206)` looks like.

```
.text, #text, p{  
    color:rgb(243, 220, 206)  
}
```

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(243, 220, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 220, 206) }
```

Border

The CSS property to change the border of an element to Yxy 74.6973, 0.3391, 0.3437 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(243, 220, 206) }
```

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

```
.border{ border-color:rgb(243, 220, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 220, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 220, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 220, 206);  
box-shadow:4px 4px 4px 4px rgb(243, 220,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6973, 0.3391, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 220, 206) }
```

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

```
.background{ background-color: rgb(243,  
220, 206) }
```

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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