

Converting Colors

$Y_{xy}(75.1423, 0.3502, 0.3421)$

Have a look what the booklet for
Yxy(75.1423, 0.3502, 0.3421)
contains.

Yxy(75.2453, 0.3501, 0.3423)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.2453, 0.3501, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9CC
RGB	255, 217, 204
RGB Percent	100%, 85%, 80%
CMY	0.0000, 0.1490, 0.1998
CMYK	0.00, 0.15, 0.20, 0.00
HSL	15°, 100%, 90%
HSV	15°, 20%, 100%
XYZ	76.9599, 75.2453, 67.6175
YIQ	226.8800, 26.8210, 4.0130

Conversions

Conversions Part 2

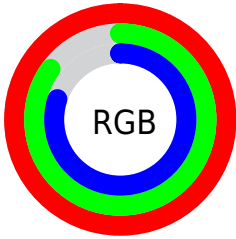
Format	Color
R _Y B	255, 221, 204
Decimal	16767436
CIE Lab	89.51, 11.25, 11.28
CIE LCh	90, 15.931, 45.061
Yxy	75.2453, 0.3501, 0.3423
Android (android.graphics.Color)	4294957516 (0xFFFFD9CC)
YUV	226.8800, -11.2798, 24.6612
Hunter-Lab	86.7440, 6.5643, 14.5040

Details

The Yxy color **75.2453, 0.3501, 0.3423** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.5919, 0.2819, 0.3153**, and the grayscale version is **76.7939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0484, 0.3591, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **64.8754, 0.3745, 0.3494**, and if you desaturate by 10%, it is **86.9455, 0.3297, 0.3354**.

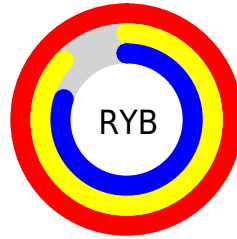
Distribution



Red (100%)

Green (85%)

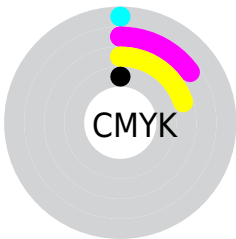
Blue (80%)



Red (100%)

Yellow (87%)

Blue (80%)

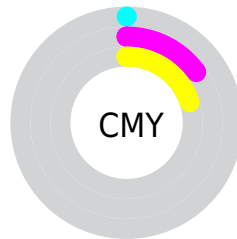


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2453, 0.3501, 0.3423 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 75.2453, 0.3501, 0.3423 by changing the saturation by 10% instead.

 75.2453, 0.3501,
0.3423

 75.2453, 0.3501,
0.3423

478.7603, 0.3328,
0.3364

 55.8139, 0.3541,
0.3436

126.6595, 0.3441,
0.3403

 40.0537, 0.3590,
0.3451


159.4111, 0.3417,
0.3395

 27.5804, 0.3652,
0.3470


197.3716, 0.3397,
0.3389

 18.0096, 0.3733,
0.3493

240.9253, 0.3380,
0.3383

 10.9569, 0.3844,
0.3523

290.4566, 0.3364,
0.3377

 6.0379, 0.4003,
0.3562

346.3499, 0.3351,

 2.8681, 0.4250,

0.3373

0.3614

408.9897, 0.3339,
0.3368

1.0633, 0.4879,
0.3832

0.0000, 1.0000,
0.0000

75.2453, 0.3501,
0.3423

75.2453, 0.3501,
0.3423

64.8754, 0.3745,
0.3494

86.9455, 0.3297,
0.3354

55.7872, 0.4033,
0.3565

100.0000, 0.3127,
0.3290

47.9302, 0.4366,
0.3629

41.2500, 0.4740,
0.3678

■ 35.6880, 0.5135,
0.3701

■ 31.1801, 0.5521,
0.3688

■ 27.6553, 0.5853,
0.3630

■ 25.0256, 0.6099,
0.3539

■ 25.0223, 0.6099,
0.3539

Harmonies

Analogous

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



75.2453, 0.3425, 0.3261



75.2453, 0.3501, 0.3423



75.2453, 0.3473, 0.3557

Triad

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



75.2453, 0.3501, 0.3423



75.2453, 0.2983, 0.3480



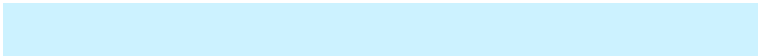
75.2453, 0.2902, 0.2971

Complementary

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



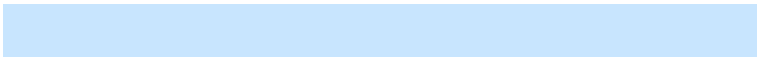
75.2453, 0.3501, 0.3423



83.5919, 0.2819, 0.3153

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.



75.2453, 0.2791, 0.3017



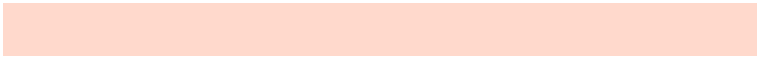
75.2453, 0.3501, 0.3423



75.2453, 0.2837, 0.3309

Square

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



75.2453, 0.3501, 0.3423



75.2453, 0.3170, 0.3596



75.2453, 0.2767, 0.3139



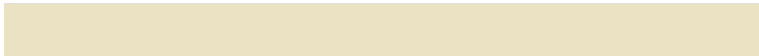
75.2453, 0.3075, 0.3006

Rectangle

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



75.2453, 0.3501, 0.3423



75.2453, 0.3400, 0.3611



75.2453, 0.2767, 0.3139



75.2453, 0.2856, 0.2977

Sweetspot

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



75.2455, 0.3501, 0.3423



91.9886, 0.3225, 0.3328



70.8904, 0.3240, 0.2911



19.5092, 0.3237, 0.3332



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.



75.2455, 0.3501, 0.3423



70.9247, 0.3594, 0.3452



89.2804, 0.3453, 0.3671



18.7376, 0.3288, 0.3351



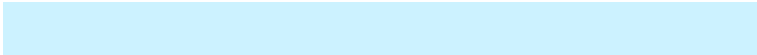
13.2746, 0.6071, 0.3561



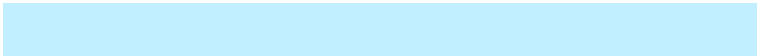
1.4585, 0.5854, 0.3734

Inverse Universe

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



83.5919, 0.2819, 0.3153



80.6529, 0.2758, 0.3122



69.5746, 0.2801, 0.2878



19.6533, 0.2980, 0.3228



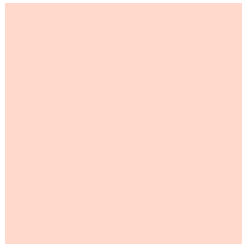
23.3036, 0.2012, 0.2442



2.4438, 0.2042, 0.2550

Previews

White Background



This preview shows how the Yxy color 75.2453, 0.3501, 0.3423 looks on a white background.

Color Contrast Check

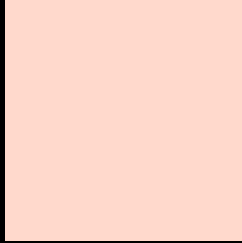
Large Text (above 18pt) WCAG AA × Fail

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 75.2453, 0.3501, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

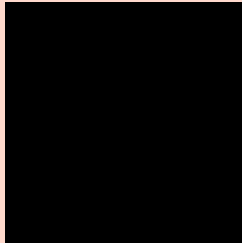
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.2453, 0.3501, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 75.2453, 0.3501, 0.3423.

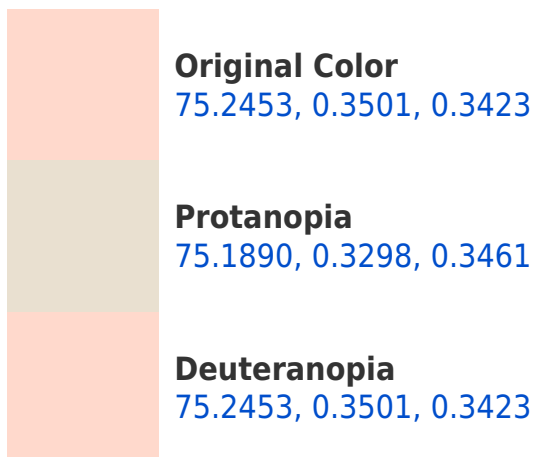


This preview shows how white text looks on a background with the Yxy color 75.2453, 0.3501, 0.3423.

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

75.0103, 0.3325, 0.3140

Trichromacy



Original Color

75.2453, 0.3501, 0.3423

Protanomaly

74.9187, 0.3368, 0.3438

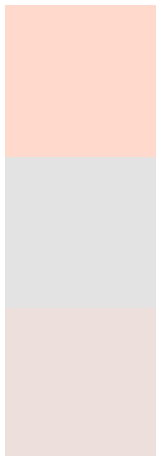
Deuteranomaly

75.2453, 0.3501, 0.3423

Tritanomaly

75.0282, 0.3389, 0.3240

Monochromacy



Original Color

75.2453, 0.3501, 0.3423

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.8944, 0.3253, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2453, 0.3501, 0.3423 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, 217, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 204)  
}
```

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, 217, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 204) }
```

Border

The CSS property to change the border of an element to Yxy 75.2453, 0.3501, 0.3423 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, 217, 204) }
```

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

```
.border{ border-color:rgb(255, 217, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 217, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2453, 0.3501, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 204) }
```

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

```
.background{ background-color: rgb(255,  
217, 204) }
```

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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