

Converting Colors

$Yxy(76.7194, 0.3419, 0.3381)$

Have a look what the booklet for
Yxy(76.7194, 0.3419, 0.3381)
contains.

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Color

Yxy(76.5850, 0.3423, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	FCDCD3
RGB	252, 220, 211
RGB Percent	99%, 86%, 83%
CMY	0.0118, 0.1372, 0.1727
CMYK	0.00, 0.13, 0.16, 0.01
HSL	13°, 87%, 91%
HSV	13°, 16%, 99%
XYZ	77.4905, 76.5850, 72.3064
YIQ	228.5420, 21.9610, 3.9850

Conversions

Conversions Part 2

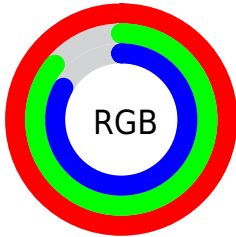
Format	Color
R _Y B	252, 223, 211
Decimal	16571603
CIE Lab	90.13, 9.64, 8.49
CIE LCh	90, 12.847, 41.388
Yxy	76.5850, 0.3423, 0.3383
Android (android.graphics.Color)	4294761683 (0xFFFCDCD3)
YUV	228.5420, -8.6482, 20.5727
Hunter-Lab	87.5129, 4.9100, 12.2714

Details

The Yxy color **76.5850, 0.3423, 0.3383** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.9444, 0.2876, 0.3195**, and the grayscale version is **78.0536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9467, 0.3487, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **65.7081, 0.3655, 0.3444**, and if you desaturate by 10%, it is **88.8787, 0.3231, 0.3325**.

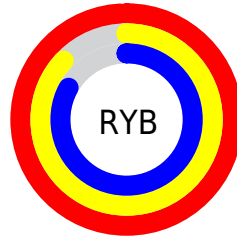
Distribution



Red (99%)

Green (86%)

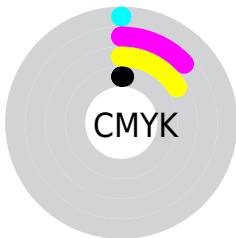
Blue (83%)



Red (99%)

Yellow (87%)

Blue (83%)

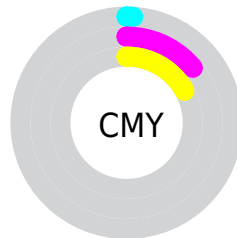


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (1%)



Cyan (1%)


Magenta (14%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.5850, 0.3423, 0.3383 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 76.5850, 0.3423, 0.3383 by changing the saturation by 10% instead.

 76.5850, 0.3423,
0.3383

 76.5850, 0.3423,
0.3383


483.3479, 0.3286,
0.3342

 56.9123, 0.3454,
0.3392


128.5535, 0.3376,
0.3369

 40.9349, 0.3493,
0.3403

161.6181, 0.3357,
0.3364

 28.2682, 0.3541,
0.3416


199.9155, 0.3341,
0.3359

 18.5279, 0.3605,
0.3432

243.8301, 0.3328,
0.3355

 11.3297, 0.3691,
0.3454

293.7462, 0.3315,
0.3351

 6.2890, 0.3815,
0.3483

350.0483, 0.3305,

 3.0216, 0.4008,

0.3348

0.3522

413.1207, 0.3295,
0.3345

■ 1.1430, 0.4398,
0.3617

■ 0.0144, 0.9453,
0.0547

■ 76.5850, 0.3423,
0.3383

■ 76.5850, 0.3423,
0.3383

■ 65.7081, 0.3655,
0.3444

■ 88.8787, 0.3231,
0.3325

■ 56.1867, 0.3932,
0.3506

■ 99.4339, 0.3109,
0.3290

■ 47.9701, 0.4258,
0.3565

■ 41.0005, 0.4630,
0.3612

■ 35.2158, 0.5035,
0.3640

■ 30.5481, 0.5443,
0.3637

■ 26.9222, 0.5809,
0.3596

■ 24.2528, 0.6086,
0.3517

■ 23.4777, 0.6166,
0.3486

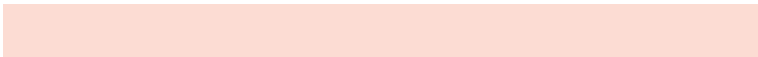
Harmonies

Analogous

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



76.5850, 0.3353, 0.3252



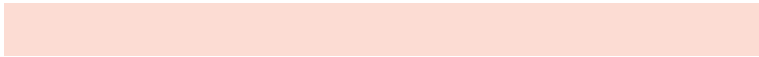
76.5850, 0.3423, 0.3383



76.5850, 0.3411, 0.3494

Triad

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



76.5850, 0.3423, 0.3383



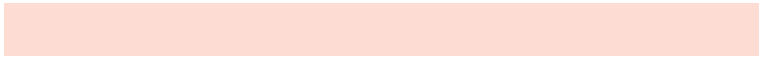
76.5850, 0.3029, 0.3456



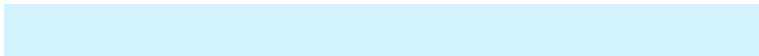
76.5850, 0.2932, 0.3034

Complementary

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



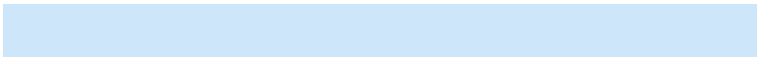
76.5850, 0.3423, 0.3383



84.9444, 0.2876, 0.3195

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.



76.5850, 0.2850, 0.3081



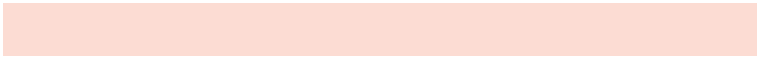
76.5850, 0.3423, 0.3383



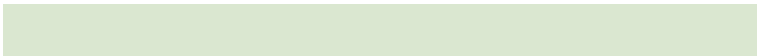
76.5850, 0.2905, 0.3324

Square

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



76.5850, 0.3423, 0.3383



76.5850, 0.3181, 0.3541



76.5850, 0.2840, 0.3185



76.5850, 0.3067, 0.3054

Rectangle

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



76.5850, 0.3423, 0.3383



76.5850, 0.3359, 0.3541



76.5850, 0.2840, 0.3185



76.5850, 0.2898, 0.3042

Sweetspot

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



76.5884, 0.3423, 0.3383



93.0270, 0.3209, 0.3317



73.7456, 0.3207, 0.2970



19.7083, 0.3221, 0.3321



0.0000, 0.0000, 0.0000



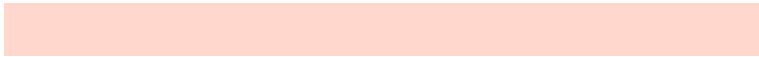
21.4041, 0.3127, 0.3290

Same Dimension

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



76.5884, 0.3423, 0.3383



74.3429, 0.3505, 0.3406



87.9335, 0.3390, 0.3585



17.8454, 0.3289, 0.3343



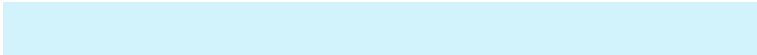
12.4074, 0.6140, 0.3507



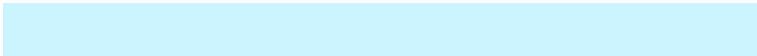
1.2989, 0.5918, 0.3683

Inverse Universe

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



84.9444, 0.2876, 0.3195



84.6143, 0.2820, 0.3171



73.4310, 0.2866, 0.2977



18.9213, 0.2980, 0.3236



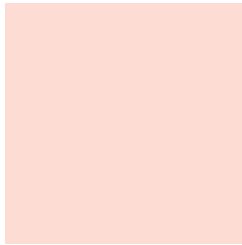
24.5632, 0.2045, 0.2563



2.4295, 0.2072, 0.2660

Previews

White Background



This preview shows how the Yxy color 76.5850, 0.3423, 0.3383 looks on a white background.

Color Contrast Check

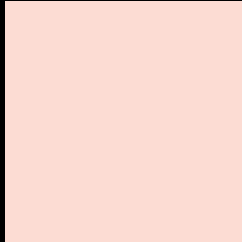
Large Text (above 18pt) WCAG AA × Fail

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 76.5850, 0.3423, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

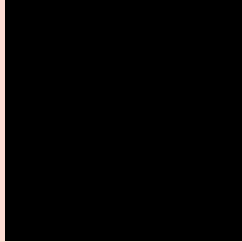
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

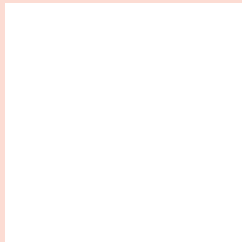
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.5850, 0.3423, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 76.5850, 0.3423, 0.3383.

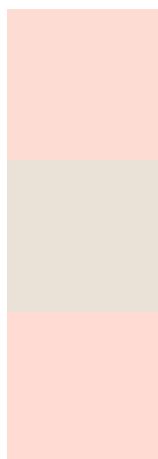


This preview shows how white text looks on a background with the Yxy color 76.5850, 0.3423, 0.3383.

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

76.5850, 0.3423, 0.3383

Protanopia

76.7402, 0.3262, 0.3417

Deuteranopia

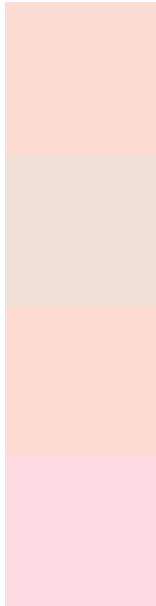
76.6262, 0.3447, 0.3372



Tritanopia

76.8262, 0.3287, 0.3121

Trichromacy



Original Color

76.5850, 0.3423, 0.3383

Protanomaly

76.8162, 0.3322, 0.3405

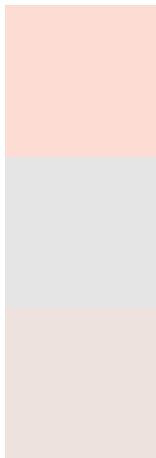
Deuteranomaly

76.4370, 0.3439, 0.3372

Tritanomaly

76.7046, 0.3334, 0.3210

Monochromacy



Original Color

76.5850, 0.3423, 0.3383

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.6712, 0.3231, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5850, 0.3423, 0.3383 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(252, 220, 211)` looks like.

```
.text, #text, p{  
    color:rgb(252, 220, 211)  
}
```

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(252, 220, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 220, 211) }
```

Border

The CSS property to change the border of an element to Yxy 76.5850, 0.3423, 0.3383 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(252, 220, 211) }
```

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

```
.border{ border-color:rgb(252, 220, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 220, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 220, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 220, 211);  
box-shadow:4px 4px 4px 4px rgb(252, 220,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5850, 0.3423, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 220, 211) }
```

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

```
.background{ background-color: rgb(252,  
220, 211) }
```

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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