

Converting Colors

$Yxy(80.5543, 0.3415, 0.3466)$

Have a look what the booklet for
Yxy(80.5543, 0.3415, 0.3466)
contains.

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Color

Yxy(80.8354, 0.3417, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	FCE4D2
RGB	252, 228, 210
RGB Percent	99%, 89%, 82%
CMY	0.0116, 0.1059, 0.1764
CMYK	0.00, 0.10, 0.17, 0.01
HSL	26°, 88%, 91%
HSV	26°, 17%, 99%
XYZ	79.5320, 80.8354, 72.3864
YIQ	233.1240, 20.0820, -0.5100

Conversions

Conversions Part 2

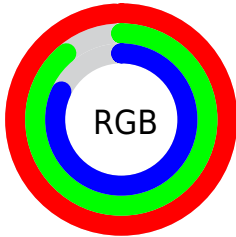
Format	Color
R _Y B	252, 242, 210
Decimal	16573650
CIE Lab	92.06, 5.39, 11.75
CIE LCh	92, 12.932, 65.349
Yxy	80.8354, 0.3417, 0.3473
Android (android.graphics.Color)	4294763730 (0xFFFC E4D2)
YUV	233.1240, -11.4001, 16.5543
Hunter-Lab	89.9085, 0.5590, 15.2009

Details

The Yxy color $80.8354, 0.3417, 0.3473$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $79.6089, 0.2866, 0.3100$, and the grayscale version is $81.6654, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.8895, 0.3477, 0.3512$ is the 20% darker color. If you saturate the color by 10%, you get $72.0749, 0.3628, 0.3590$, and if you desaturate by 10%, it is $90.4626, 0.3235, 0.3361$.

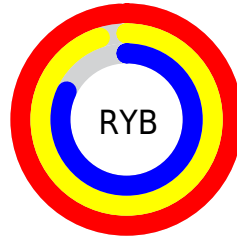
Distribution



Red (99%)

Green (89%)

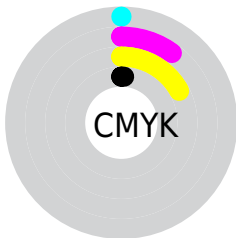
Blue (82%)



Red (99%)

Yellow (95%)

Blue (82%)

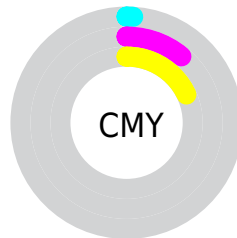


Cyan (0%)

Magenta (10%)

Yellow (17%)

Black (1%)



Cyan (1%)


Magenta (11%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.8354, 0.3417, 0.3473 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 80.8354, 0.3417, 0.3473 by changing the saturation by 10% instead.


 80.8354, 0.3417,
0.3473

 80.8354, 0.3417,
0.3473


497.7437, 0.3285,
0.3391

 60.4060, 0.3447,
0.3491


134.5396, 0.3371,
0.3445

 43.7460, 0.3483,
0.3513


168.5833, 0.3354,
0.3434

 30.4709, 0.3529,
0.3540


207.9338, 0.3338,
0.3425

 20.1963, 0.3589,
0.3575


252.9757, 0.3325,
0.3416

 12.5378, 0.3669,
0.3621

304.0932, 0.3313,
0.3409

 7.1111, 0.3782,
0.3684

361.6708, 0.3302,

 3.5316, 0.3953,

0.3402

0.3774

426.0928, 0.3293,
0.3396

■ 1.4152, 0.4283,
0.3953

■ 0.2279, 0.6045,
0.3955

■ 80.8354, 0.3417,
0.3473

■ 80.8354, 0.3417,
0.3473

■ 72.0749, 0.3628,
0.3590

■ 90.4626, 0.3235,
0.3361

■ 64.1450, 0.3869,
0.3708

■ 99.4428, 0.3109,
0.3290

■ 57.0227, 0.4139,
0.3820

■ 50.6796, 0.4436,
0.3919

■ 45.0856, 0.4747,
0.3991

■ 40.2078, 0.5056,
0.4023

■ 36.0104, 0.5341,
0.4003

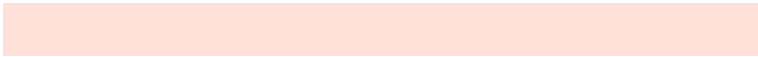
■ 32.4517, 0.5578,
0.3929

■ 31.3966, 0.5648,
0.3897

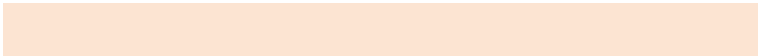
Harmonies

Analogous

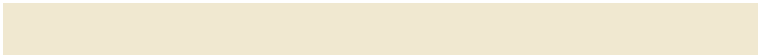
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8354, 0.3412, 0.3356



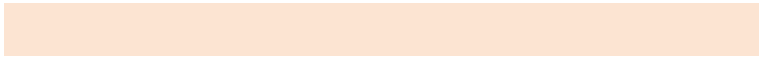
80.8354, 0.3417, 0.3473



80.8354, 0.3343, 0.3544

Triad

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



80.8354, 0.3417, 0.3473



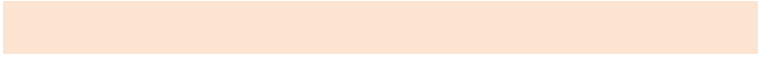
80.8354, 0.2928, 0.3351



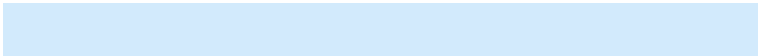
80.8354, 0.3038, 0.3047

Complementary

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



80.8354, 0.3417, 0.3473



79.6089, 0.2866, 0.3100

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.



80.8354, 0.2913, 0.3041



80.8354, 0.3417, 0.3473



80.8354, 0.2851, 0.3213

Square

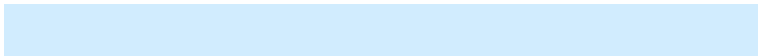
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.8354, 0.3417, 0.3473



80.8354, 0.3060, 0.3475



80.8354, 0.2845, 0.3100



80.8354, 0.3190, 0.3115

Rectangle

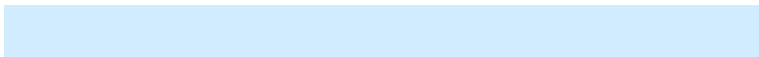
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.8354, 0.3417, 0.3473



80.8354, 0.3259, 0.3554



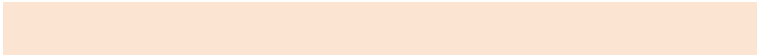
80.8354, 0.2845, 0.3100



80.8354, 0.2992, 0.3038

Sweetspot

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



80.8390, 0.3417, 0.3473



94.6399, 0.3207, 0.3343



72.7697, 0.3268, 0.3044



20.0995, 0.3218, 0.3351



0.0000, 0.0000, 0.0000



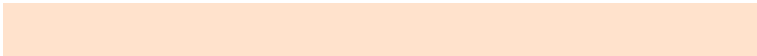
21.4041, 0.3127, 0.3290

Same Dimension

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



80.8390, 0.3417, 0.3473



79.9165, 0.3484, 0.3512



92.8216, 0.3384, 0.3673



18.4465, 0.3283, 0.3392



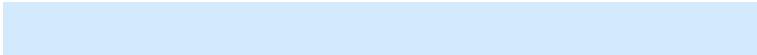
16.6279, 0.5619, 0.3920



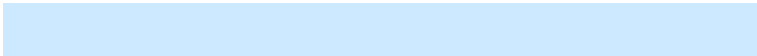
1.7456, 0.5409, 0.4087

Inverse Universe

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



79.6089, 0.2866, 0.3100



78.4351, 0.2812, 0.3058



68.5780, 0.2855, 0.2876



18.2918, 0.2980, 0.3186



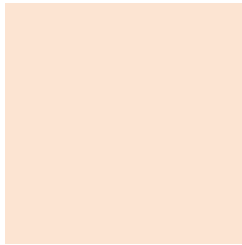
14.3763, 0.1840, 0.1823



1.5418, 0.1893, 0.2014

Previews

White Background



This preview shows how the Yxy color 80.8354, 0.3417, 0.3473 looks on a white background.

Color Contrast Check

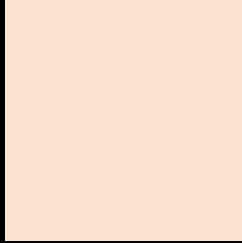
Large Text (above 18pt) WCAG AA × Fail

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 80.8354, 0.3417, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

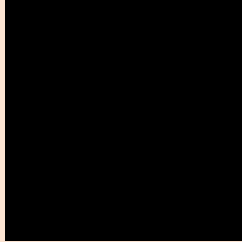
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.8354, 0.3417, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 80.8354, 0.3417, 0.3473.

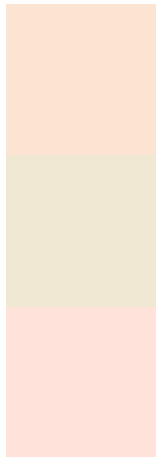


This preview shows how white text looks on a background with the Yxy color 80.8354, 0.3417, 0.3473.

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

80.8354, 0.3417, 0.3473

Protanopia

81.1675, 0.3319, 0.3497

Deuteranopia

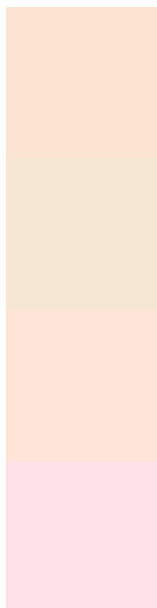
80.6625, 0.3394, 0.3381



Tritanopia

80.9222, 0.3233, 0.3123

Trichromacy



Original Color

80.8354, 0.3417, 0.3473

Protanomaly

81.2675, 0.3355, 0.3496

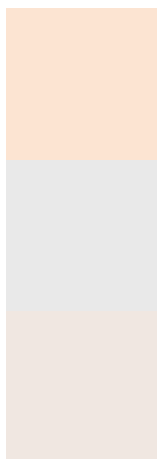
Deuteranomaly

80.8640, 0.3405, 0.3422

Tritanomaly

80.6344, 0.3299, 0.3241

Monochromacy



Original Color

80.8354, 0.3417, 0.3473

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.1133, 0.3227, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.8354, 0.3417, 0.3473 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, 228, 210)` looks like.

```
.text, #text, p{  
    color:rgb(252, 228, 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(252, 228, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 228, 210) }
```

Border

The CSS property to change the border of an element to Yxy 80.8354, 0.3417, 0.3473 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, 228, 210) }
```

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

```
.border{ border-color:rgb(252, 228, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 228, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 228, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 228, 210); box-shadow:4px 4px 4px 4px rgb(252, 228, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 80.8354, 0.3417, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 228, 210) }
```

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

```
.background{ background-color: rgb(252,  
228, 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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