

Converting Colors

Yxy(80.8848, 0.3351, 0.3399)

Have a look what the booklet for
Yxy(80.8848, 0.3351, 0.3399)
contains.

Yxy(80.8206, 0.3355, 0.3402)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(80.8206, 0.3355, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	FAE4D9
RGB	250, 228, 217
RGB Percent	98%, 89%, 85%
CMY	0.0194, 0.1059, 0.1490
CMYK	0.00, 0.09, 0.13, 0.02
HSL	20°, 77%, 92%
HSV	20°, 13%, 98%
XYZ	79.7040, 80.8206, 77.0433
YIQ	233.3240, 16.6430, 1.2430

Conversions

Conversions Part 2

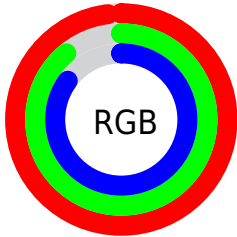
Format	Color
R_{YB}	250, 234, 217
Decimal	16442585
CIE Lab	92.05, 5.76, 8.08
CIE LCh	92, 9.921, 54.496
Yxy	80.8206, 0.3355, 0.3402
Android (android.graphics.Color)	4294632665 (0xFFFAE4D9)
YUV	233.3240, -8.0477, 14.6249
Hunter-Lab	89.9003, 0.9295, 12.1195

Details

The Yxy color **80.8206, 0.3355, 0.3402** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.4218, 0.2922, 0.3175**, and the grayscale version is **81.8006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.8332, 0.3405, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **70.8774, 0.3564, 0.3493**, and if you desaturate by 10%, it is **91.8544, 0.3178, 0.3316**.

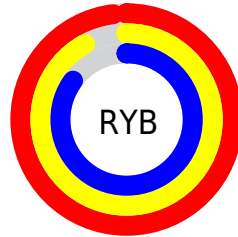
Distribution



Red (98%)

Green (89%)

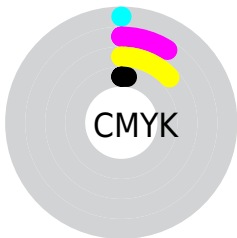
Blue (85%)



Red (98%)

Yellow (92%)

Blue (85%)

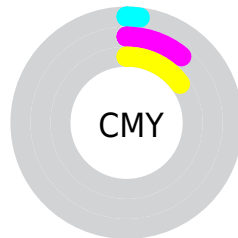


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (2%)



Cyan (2%)


Magenta (11%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.8206, 0.3355, 0.3402 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 80.8206, 0.3355, 0.3402 by changing the saturation by 10% instead.

 80.8206, 0.3355,
0.3402

 80.8206, 0.3355,
0.3402


497.6940, 0.3251,
0.3352

 60.3939, 0.3378,
0.3413


134.5188, 0.3319,
0.3385

 43.7362, 0.3407,
0.3426


168.5591, 0.3305,
0.3378

 30.4632, 0.3443,
0.3443


207.9060, 0.3293,
0.3373

 20.1904, 0.3490,
0.3464

252.9440, 0.3283,
0.3367

 12.5335, 0.3554,
0.3492

304.0574, 0.3273,
0.3363

 7.1081, 0.3644,
0.3531

361.6306, 0.3265,

 3.5298, 0.3781,

0.3359

0.3586

426.0480, 0.3258,
0.3355

■ 1.4142, 0.4017,
0.3675

■ 0.2271, 0.6109,
0.3891

■ 80.8206, 0.3355,
0.3402

■ 80.8206, 0.3355,
0.3402

■ 70.8774, 0.3564,
0.3493

■ 91.8544, 0.3178,
0.3316

■ 61.9802, 0.3809,
0.3585

■ 99.0726, 0.3097,
0.3290

■ 54.0969, 0.4092,
0.3676

■ 47.1898, 0.4412,
0.3756

■ 41.2187, 0.4761,
0.3816

■ 36.1401, 0.5121,
0.3843

■ 31.9066, 0.5462,
0.3825

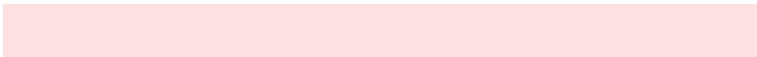
■ 28.4652, 0.5752,
0.3756

■ 26.5446, 0.5912,
0.3688

Harmonies

Analogous

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



80.8206, 0.3328, 0.3306



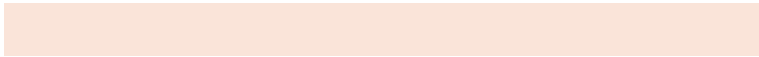
80.8206, 0.3355, 0.3402



80.8206, 0.3319, 0.3471

Triad

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



80.8206, 0.3355, 0.3402



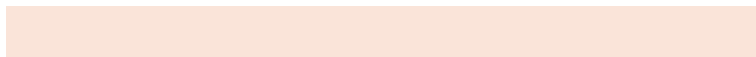
80.8206, 0.3008, 0.3374



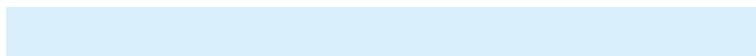
80.8206, 0.3021, 0.3095

Complementary

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



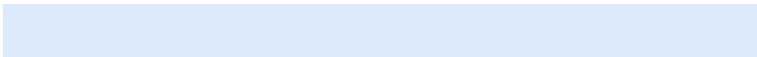
80.8206, 0.3355, 0.3402



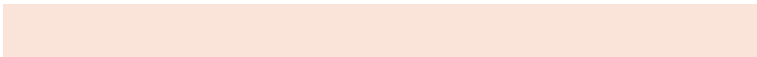
83.4218, 0.2922, 0.3175

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.



80.8206, 0.2937, 0.3109



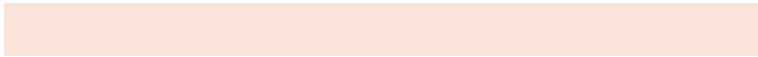
80.8206, 0.3355, 0.3402



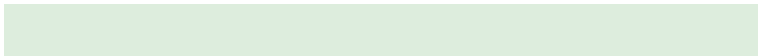
80.8206, 0.2930, 0.3269

Square

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



80.8206, 0.3355, 0.3402



80.8206, 0.3118, 0.3457



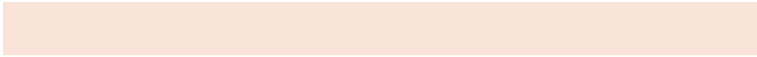
80.8206, 0.2905, 0.3172



80.8206, 0.3134, 0.3131

Rectangle

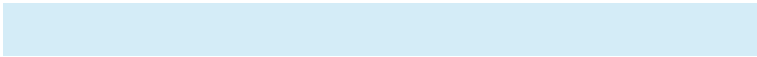
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.8206, 0.3355, 0.3402



80.8206, 0.3266, 0.3491



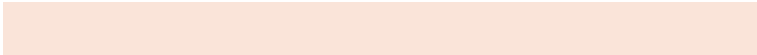
80.8206, 0.2905, 0.3172



80.8206, 0.2988, 0.3094

Sweetspot

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



80.8242, 0.3355, 0.3402



95.0936, 0.3191, 0.3323



76.2245, 0.3213, 0.3064



20.1609, 0.3203, 0.3329



0.0000, 0.0000, 0.0000



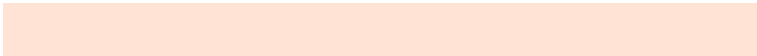
21.4041, 0.3127, 0.3290

Same Dimension

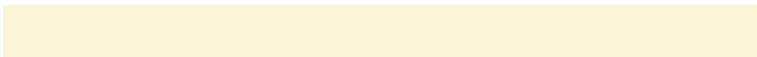
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8242, 0.3355, 0.3402



81.4857, 0.3410, 0.3427



90.0363, 0.3333, 0.3560



18.1683, 0.3286, 0.3369



14.3092, 0.5882, 0.3712



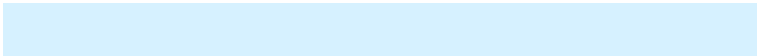
1.5114, 0.5652, 0.3895

Inverse Universe

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



83.4218, 0.2922, 0.3175



84.7116, 0.2878, 0.3149



74.4631, 0.2917, 0.3005



18.5788, 0.2980, 0.3209



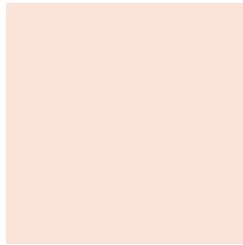
18.5669, 0.1934, 0.2163



1.9142, 0.1976, 0.2313

Previews

White Background



This preview shows how the Yxy color 80.8206, 0.3355, 0.3402 looks on a white background.

Color Contrast Check

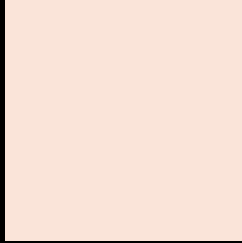
Large Text (above 18pt) WCAG AA × Fail

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 80.8206, 0.3355, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

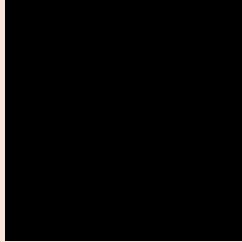
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

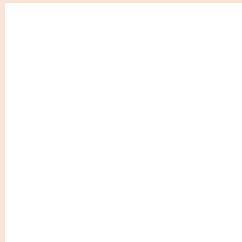
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.8206, 0.3355, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 80.8206, 0.3355, 0.3402.

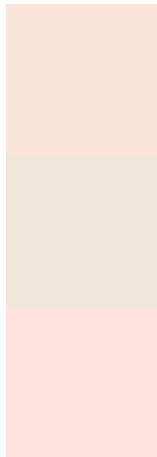


This preview shows how white text looks on a background with the Yxy color 80.8206, 0.3355, 0.3402.

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

80.8206, 0.3355, 0.3402

Protanopia

80.7916, 0.3267, 0.3414

Deuteranopia

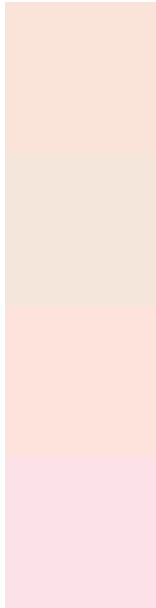
80.8732, 0.3366, 0.3341



Tritanopia

80.6048, 0.3212, 0.3112

Trichromacy



Original Color

80.8206, 0.3355, 0.3402

Protanomaly

80.8887, 0.3303, 0.3414

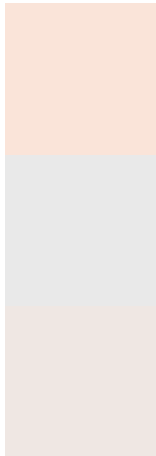
Deuteranomaly

80.9881, 0.3357, 0.3361

Tritanomaly

80.4291, 0.3264, 0.3211

Monochromacy



Original Color

80.8206, 0.3355, 0.3402

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.0486, 0.3208, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.8206, 0.3355, 0.3402 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(250, 228, 217)` looks like.

```
.text, #text, p{  
    color:rgb(250, 228, 217)  
}
```

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(250, 228, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 228, 217) }
```

Border

The CSS property to change the border of an element to Yxy 80.8206, 0.3355, 0.3402 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(250, 228, 217) }
```

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

```
.border{ border-color:rgb(250, 228, 217) }
```

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

Here you see how a box with a 4 pixel rgb(250, 228, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 228, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 228, 217);  
box-shadow:4px 4px 4px 4px rgb(250, 228,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 80.8206, 0.3355, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 228, 217) }
```

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

```
.background{ background-color: rgb(250,  
228, 217) }
```

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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