

Converting Colors

$Y_{xy}(103.4990, 0.4062, 0.3343)$

Have a look what the booklet for
Yxy(103.4990, 0.4062, 0.3343)
contains.

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Color

Yxy(80.2249, 0.3381, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1DB
RGB	255, 225, 219
RGB Percent	100%, 88%, 86%
CMY	0.0001, 0.1176, 0.1412
CMYK	0.00, 0.12, 0.14, 0.00
HSL	10°, 100%, 93%
HSV	10°, 14%, 100%
XYZ	80.9431, 80.2249, 78.2378
YIQ	233.2860, 19.8060, 4.4940

Conversions

Conversions Part 2

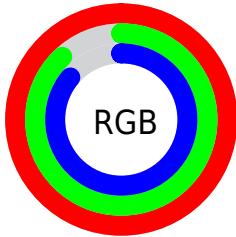
Format	Color
R _Y B	255, 226, 219
Decimal	16769499
CIE Lab	91.79, 9.34, 6.70
CIE LCh	92, 11.495, 35.661
Yxy	80.2249, 0.3381, 0.3351
Android (android.graphics.Color)	4294959579 (0xFFFFE1DB)
YUV	233.2860, -7.0430, 19.0432
Hunter-Lab	89.5684, 4.5662, 10.9081

Details

The Yxy color **80.2249, 0.3381, 0.3351** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.0031, 0.2910, 0.3228**, and the grayscale version is **81.7551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.4356, 0.3440, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **68.2098, 0.3609, 0.3398**, and if you desaturate by 10%, it is **93.8806, 0.3194, 0.3307**.

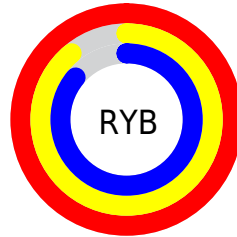
Distribution



Red (100%)

Green (88%)

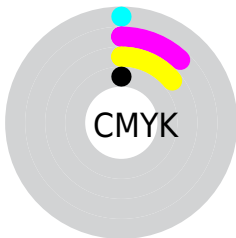
Blue (86%)



Red (100%)

Yellow (89%)

Blue (86%)

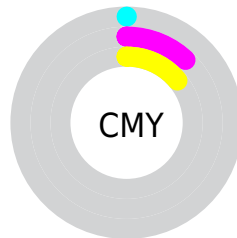


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.2249, 0.3381, 0.3351 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 80.2249, 0.3381, 0.3351 by changing the saturation by 10% instead.


 80.2249, 0.3381,
0.3351

 80.2249, 0.3381,
0.3351


495.6904, 0.3265,
0.3325

 59.9034, 0.3407,
0.3357

133.6819, 0.3341,
0.3342

 43.3408, 0.3440,
0.3363


167.5862, 0.3325,
0.3339

 30.1526, 0.3480,
0.3372


206.7869, 0.3312,
0.3336

 19.9545, 0.3533,
0.3382

251.6684, 0.3300,
0.3333

 12.3619, 0.3604,
0.3396

302.6152, 0.3290,
0.3330

 6.9907, 0.3706,
0.3413

360.0115, 0.3280,

 3.4563, 0.3861,

0.3328

0.3437

424.2418, 0.3272,
0.3326

■ 1.3743, 0.4129,
0.3468

■ 0.1977, 0.6778,
0.3222

■ 80.2249, 0.3381,
0.3351

■ 80.2249, 0.3381,
0.3351

■ 68.2098, 0.3609,
0.3398

■ 93.8806, 0.3194,
0.3307

■ 57.7629, 0.3885,
0.3445

99.9943, 0.3127,
0.3290

■ 48.8226, 0.4214,
0.3490

■ 41.3188, 0.4596,
0.3528

■ 35.1758, 0.5018,
0.3550

■ 30.3110, 0.5450,
0.3549

■ 26.6323, 0.5841,
0.3517

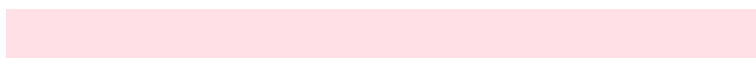
■ 24.0350, 0.6136,
0.3455

■ 22.9553, 0.6257,
0.3414

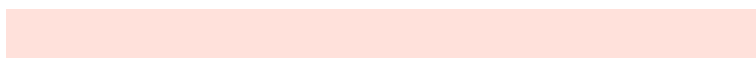
Harmonies

Analogous

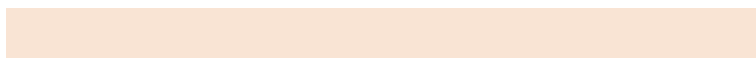
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2249, 0.3307, 0.3235



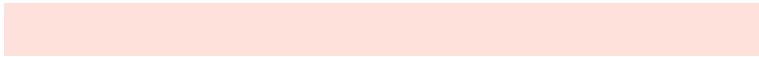
80.2249, 0.3381, 0.3351



80.2249, 0.3385, 0.3455

Triad

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



80.2249, 0.3381, 0.3351



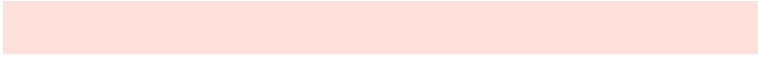
80.2249, 0.3066, 0.3454



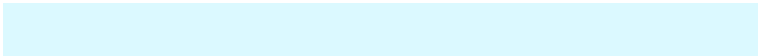
80.2249, 0.2937, 0.3068

Complementary

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



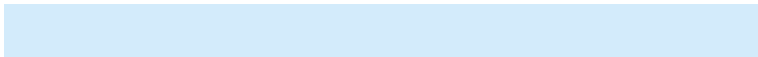
80.2249, 0.3381, 0.3351



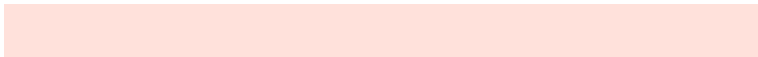
90.0031, 0.2910, 0.3228

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.



80.2249, 0.2876, 0.3120



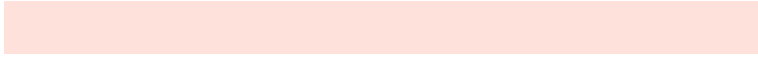
80.2249, 0.3381, 0.3351



80.2249, 0.2949, 0.3344

Square

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



80.2249, 0.3381, 0.3351



80.2249, 0.3201, 0.3518



80.2249, 0.2880, 0.3220



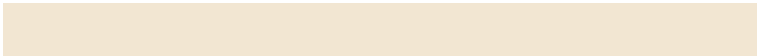
80.2249, 0.3050, 0.3074

Rectangle

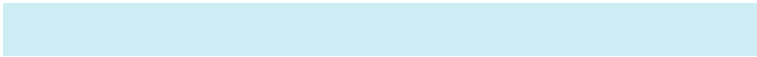
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



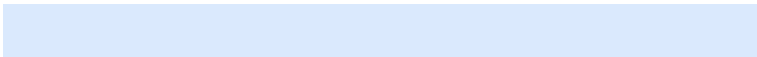
80.2249, 0.3381, 0.3351



80.2249, 0.3347, 0.3502



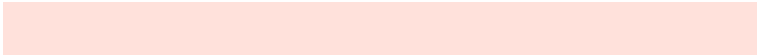
80.2249, 0.2880, 0.3220



80.2249, 0.2910, 0.3079

Sweetspot

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



80.2285, 0.3381, 0.3351



94.0598, 0.3192, 0.3307



78.7571, 0.3183, 0.2997



19.9000, 0.3205, 0.3310



0.0000, 0.0000, 0.0000



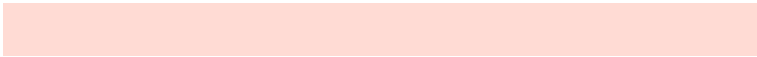
21.4041, 0.3127, 0.3290

Same Dimension

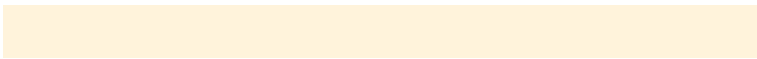
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.2285, 0.3381, 0.3351



76.6056, 0.3442, 0.3364



90.4588, 0.3356, 0.3527



18.4776, 0.3290, 0.3330



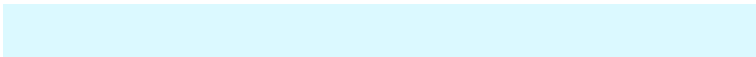
12.1406, 0.6235, 0.3431



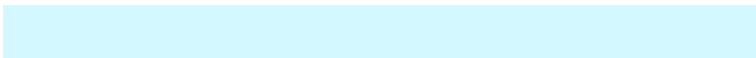
1.3132, 0.6042, 0.3584

Inverse Universe

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



90.0031, 0.2910, 0.3228



88.1475, 0.2866, 0.3214



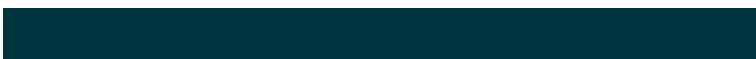
79.4261, 0.2904, 0.3041



19.9339, 0.2980, 0.3249



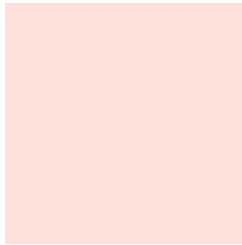
28.6631, 0.2096, 0.2747



2.9219, 0.2115, 0.2815

Previews

White Background



This preview shows how the Yxy color 80.2249, 0.3381, 0.3351 looks on a white background.

Color Contrast Check

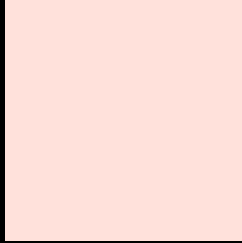
Large Text (above 18pt) WCAG AA × Fail

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 80.2249, 0.3381, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

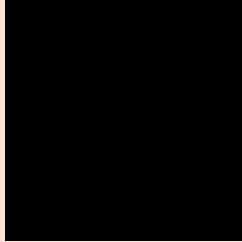
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

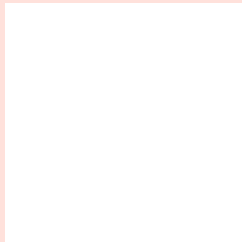
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.2249, 0.3381, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 80.2249, 0.3381, 0.3351.

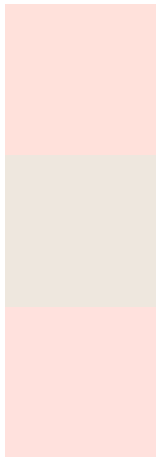


This preview shows how white text looks on a background with the Yxy color 80.2249, 0.3381, 0.3351.

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

80.2249, 0.3381, 0.3351

Protanopia

80.6029, 0.3233, 0.3383

Deuteranopia

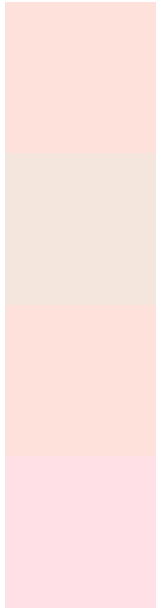
80.3309, 0.3367, 0.3331



Tritanopia

80.2084, 0.3254, 0.3142

Trichromacy



Original Color

80.2249, 0.3381, 0.3351

Protanomaly

80.4922, 0.3284, 0.3372

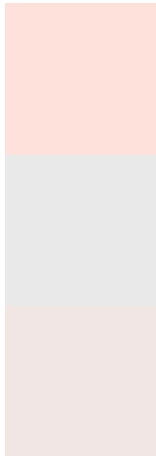
Deuteranomaly

80.2777, 0.3374, 0.3341

Tritanomaly

80.3408, 0.3300, 0.3221

Monochromacy



Original Color

80.2249, 0.3381, 0.3351

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.8958, 0.3216, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.2249, 0.3381, 0.3351 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, 225, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 219)  
}
```

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, 225, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 219) }
```

Border

The CSS property to change the border of an element to Yxy 80.2249, 0.3381, 0.3351 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, 225, 219) }
```

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

```
.border{ border-color:rgb(255, 225, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 80.2249, 0.3381, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 219) }
```

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

```
.background{ background-color: rgb(255,  
225, 219) }
```

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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