

Converting Colors

$Yxy(81.0761, 0.3324, 0.3290)$

Have a look what the booklet for
Yxy(81.0761, 0.3324, 0.3290)
contains.

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Color

Yxy(80.9545, 0.3325, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	FEE2E2
RGB	254, 226, 226
RGB Percent	100%, 89%, 89%
CMY	0.0040, 0.1137, 0.1139
CMYK	0.00, 0.11, 0.11, 0.00
HSL	0°, 93%, 94%
HSV	0°, 11%, 100%
XYZ	81.7909, 80.9545, 83.2422
YIQ	234.3720, 16.6880, 5.9360

Conversions

Conversions Part 2

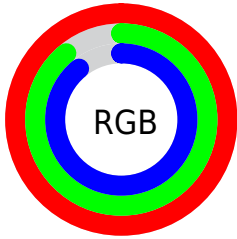
Format	Color
R _Y B	254, 226, 226
Decimal	16704226
CIE Lab	92.11, 9.58, 3.52
CIE LCh	92, 10.211, 20.180
Yxy	80.9545, 0.3325, 0.3291
Android (android.graphics.Color)	4294894306 (0xFFFE2E2)
YUV	234.3720, -4.1274, 17.2138
Hunter-Lab	89.9747, 4.8084, 8.1288

Details

The Yxy color $80.9545, 0.3325, 0.3291$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $94.1695, 0.2957, 0.3289$, and the grayscale version is $82.5986, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.9364, 0.3366, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $66.8781, 0.3553, 0.3292$, and if you desaturate by 10%, it is $97.2842, 0.3144, 0.3290$.

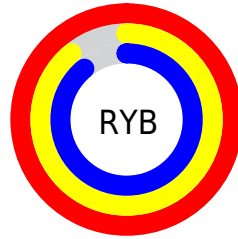
Distribution



Red (100%)

Green (89%)

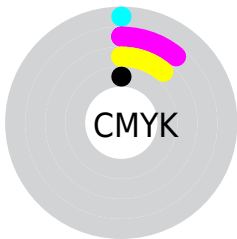
Blue (89%)



Red (100%)

Yellow (89%)

Blue (89%)

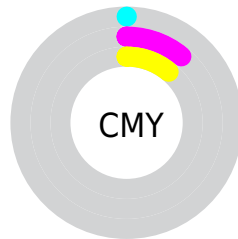


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.9545, 0.3325, 0.3291 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 80.9545, 0.3325, 0.3291 by changing the saturation by 10% instead.


 80.9545, 0.3325,
0.3291

 80.9545, 0.3325,
0.3291


498.1438, 0.3235,
0.3291

 60.5041, 0.3345,
0.3291

134.7069, 0.3294,
0.3291

 43.8251, 0.3370,
0.3290


168.7777, 0.3282,
0.3291

 30.5330, 0.3402,
0.3290


208.1574, 0.3271,
0.3291

 20.2435, 0.3442,
0.3289

253.2304, 0.3262,
0.3291

 12.5722, 0.3497,
0.3288

304.3812, 0.3254,
0.3291

 7.1346, 0.3575,
0.3285

361.9941, 0.3247,

 3.5464, 0.3695,

0.3291

426.4535, 0.3241,
0.3291

0.3279

1.4232, 0.3900,
0.3265

0.2337, 0.6534,
0.3348

80.9545, 0.3325,
0.3291

80.9545, 0.3325,
0.3291

66.8781, 0.3553,
0.3292

97.2842, 0.3144,
0.3290

54.9459, 0.3837,
0.3293

99.8094, 0.3121,
0.3290

45.0562, 0.4187,
0.3295

37.0943, 0.4604,
0.3296

■ 30.9347, 0.5075,
0.3298

■ 26.4368, 0.5558,
0.3299

■ 23.4393, 0.5982,
0.3300

■ 21.7488, 0.6272,
0.3300

■ 21.0782, 0.6400,
0.3300

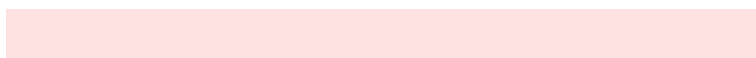
Harmonies

Analogous

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



80.9545, 0.3235, 0.3192



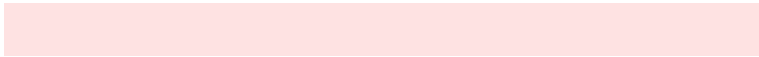
80.9545, 0.3325, 0.3291



80.9545, 0.3362, 0.3392

Triad

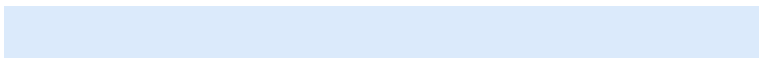
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.9545, 0.3325, 0.3291



80.9545, 0.3135, 0.3470



80.9545, 0.2924, 0.3111

Complementary

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



80.9545, 0.3325, 0.3291



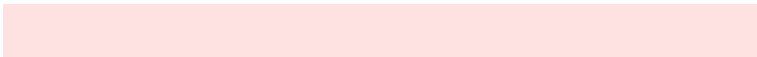
94.1695, 0.2957, 0.3289

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.



80.9545, 0.2898, 0.3182



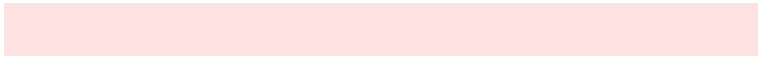
80.9545, 0.3325, 0.3291



80.9545, 0.3019, 0.3391

Square

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



80.9545, 0.3325, 0.3291



80.9545, 0.3250, 0.3498



80.9545, 0.2933, 0.3284



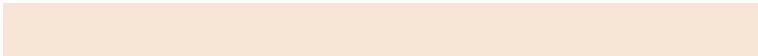
80.9545, 0.3003, 0.3089

Rectangle

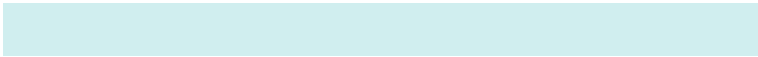
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



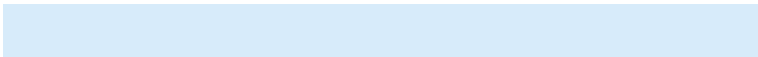
80.9545, 0.3325, 0.3291



80.9545, 0.3350, 0.3447



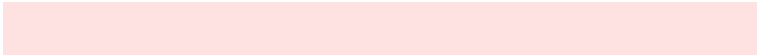
80.9545, 0.2933, 0.3284



80.9545, 0.2909, 0.3129

Sweetspot

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



80.9581, 0.3325, 0.3291



94.7403, 0.3176, 0.3290



82.6000, 0.3140, 0.3018



19.9851, 0.3190, 0.3290



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

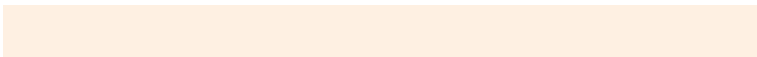
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9581, 0.3325, 0.3291



78.7167, 0.3366, 0.3291



88.8672, 0.3308, 0.3429



17.9917, 0.3295, 0.3291



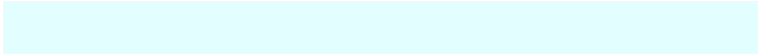
11.1154, 0.6400, 0.3301



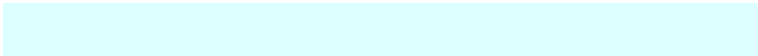
1.0838, 0.6397, 0.3303

Inverse Universe

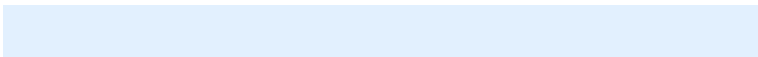
The Inverse Universe completely reimagines the original color for something new.



94.1695, 0.2957, 0.3289



94.2124, 0.2928, 0.3289



85.6274, 0.2955, 0.3147



20.4763, 0.2980, 0.3289



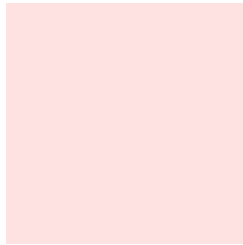
41.0109, 0.2245, 0.3283



3.9946, 0.2245, 0.3283

Previews

White Background



This preview shows how the Yxy color 80.9545, 0.3325, 0.3291 looks on a white background.

Color Contrast Check

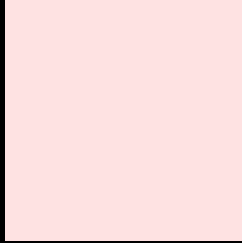
Large Text (above 18pt) WCAG AA × Fail

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 80.9545, 0.3325, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

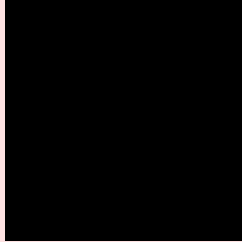
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

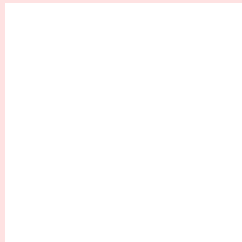
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.9545, 0.3325, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 80.9545, 0.3325, 0.3291.

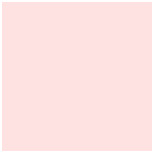
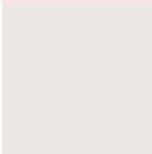
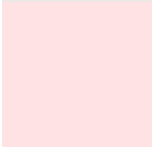


This preview shows how white text looks on a background with the Yxy color 80.9545, 0.3325, 0.3291.

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

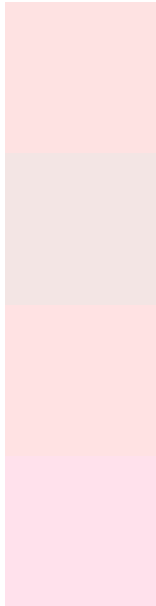
	Original Color 80.9545, 0.3325, 0.3291
	Protanopia 80.8135, 0.3181, 0.3311
	Deuteranopia 81.1988, 0.3325, 0.3281



Tritanopia

80.9222, 0.3233, 0.3123

Trichromacy



Original Color

80.9545, 0.3325, 0.3291

Protanomaly

80.6947, 0.3231, 0.3301

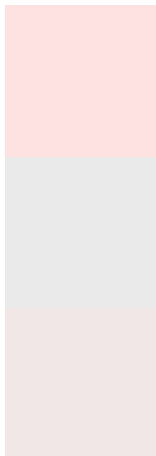
Deuteranomaly

81.1988, 0.3325, 0.3281

Tritanomaly

81.1666, 0.3266, 0.3182

Monochromacy



Original Color

80.9545, 0.3325, 0.3291

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.6221, 0.3196, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.9545, 0.3325, 0.3291 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(254, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(254, 226, 226)  
}
```

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(254, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 226, 226) }
```

Border

The CSS property to change the border of an element to Yxy 80.9545, 0.3325, 0.3291 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(254, 226, 226) }
```

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

```
.border{ border-color:rgb(254, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(254, 226,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 80.9545, 0.3325, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 226, 226) }
```

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

```
.background{ background-color: rgb(254,  
226, 226) }
```

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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