

Converting Colors

Yxy(81.0839, 0.3343, 0.3308)

Have a look what the booklet for
Yxy(81.0839, 0.3343, 0.3308)
contains.

Yxy(81.0345, 0.3346, 0.3311) 3

***Conversions* 4**

***Details* 6**

***Harmonies* 12**

***Previews* 24**

***Color Blindness Simulation* 27**

***CSS Examples* 30**

Color

Yxy(81.0345, 0.3346, 0.3311)

Conversions

Conversions Part 1	
Format	Color
Hex	FFE2E0
RGB	255, 226, 224
RGB Percent	100%, 89%, 88%
CMY	0.0000, 0.1137, 0.1217
CMYK	0.00, 0.11, 0.12, 0.00
HSL	4°, 100%, 94%
HSV	4°, 12%, 100%
XYZ	81.8911, 81.0345, 81.8177
YIQ	234.4430, 17.9260, 5.5260

Conversions

Conversions Part 2

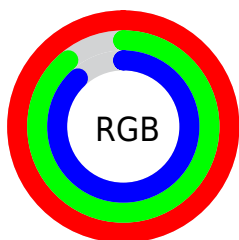
Format	Color
RYB	255, 226, 224
Decimal	16769760
CIELab	92.15, 9.63, 4.63
CIELCh	92, 10.682, 25.704
Yxy	81.0345, 0.3346, 0.3311
Android (android.graphics.Color)	4294959840 (0xFFFFE2E0)
YUV	234.4430, -5.1484, 18.0285
Hunter-Lab	90.0192, 4.8492, 9.1252

Details

The Yxy color 81.0345, 0.3346, 0.3311 is a light color, and the websafe version is hex FFCCCC. A complement of this color would be 93.2848, 0.2940, 0.3269, and the grayscale version is 82.6599, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 43.9962, 0.3393, 0.3316 is the 20% darker color. If you saturate the color by 10%, you get 67.6852, 0.3574, 0.3330, and if you desaturate by 10%, it is 96.3916, 0.3162, 0.3294.

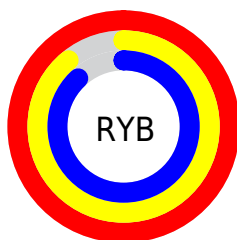
Distribution



Red (100%)

Green (89%)

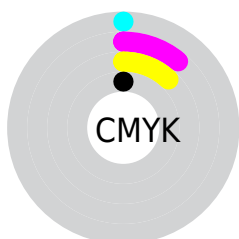
Blue (88%)



Red (100%)

Yellow (89%)

Blue (88%)

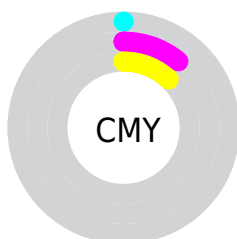


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0345, 0.3346, 0.3311 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 81.0345, 0.3346, 0.3311 by changing the saturation by 10% instead.


 81.0345, 0.3346,
0.3311

 81.0345, 0.3346,
0.3311

498.4124, 0.3246,
0.3302

 60.5700, 0.3368,
0.3313


134.8192, 0.3312,
0.3308

 43.8782, 0.3396,
0.3315


168.9082, 0.3298,
0.3307

 30.5748, 0.3431,
0.3317


208.3075, 0.3287,
0.3306

 20.2753, 0.3476,
0.3320

253.4015, 0.3276,
0.3305

 12.5953, 0.3537,
0.3323

304.5746, 0.3267,
0.3304

 7.1505, 0.3623,
0.3327


362.2112, 0.3260,


 3.5564, 0.3755,

0.3304

0.3331


426.6956, 0.3253,
0.3303


 1.4286, 0.3982,
0.3332


 0.2377, 0.6598,
0.3402

 81.0345, 0.3346,
0.3311


 81.0345, 0.3346,
0.3311


 67.6852, 0.3574,
0.3330

 96.3916, 0.3162,
0.3294

 56.2601, 0.3856,
0.3349

100.0000, 0.3127,
0.3290

 46.6705, 0.4198,
0.3367

 38.8208, 0.4603,
0.3383

■ 32.6065, 0.5057,
0.3392

■ 27.9121, 0.5523,
0.3390

■ 24.6068, 0.5939,
0.3375

■ 22.5378, 0.6236,
0.3348

■ 21.6541, 0.6366,
0.3327

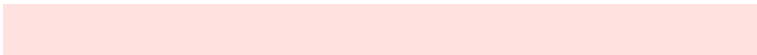
Harmonies

Analogous

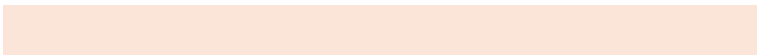
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0345, 0.3260, 0.3205



81.0345, 0.3346, 0.3311



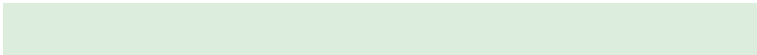
81.0345, 0.3372, 0.3414

Triad

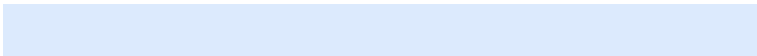
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0345, 0.3346, 0.3311



81.0345, 0.3112, 0.3467



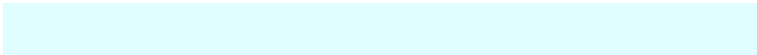
81.0345, 0.2926, 0.3094

Complementary

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



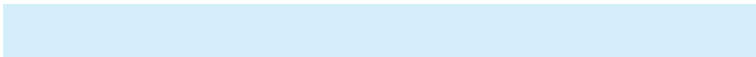
81.0345, 0.3346, 0.3311



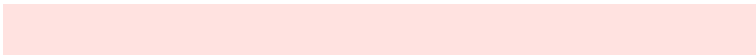
93.2848, 0.2940, 0.3269

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.



81.0345, 0.2888, 0.3160



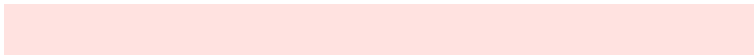
81.0345, 0.3346, 0.3311



81.0345, 0.2994, 0.3376

Square

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



81.0345, 0.3346, 0.3311



81.0345, 0.3235, 0.3507



81.0345, 0.2913, 0.3263



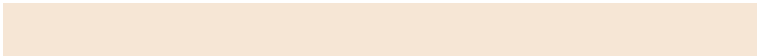
81.0345, 0.3017, 0.3081

Rectangle

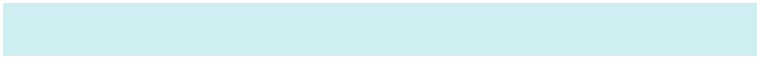
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



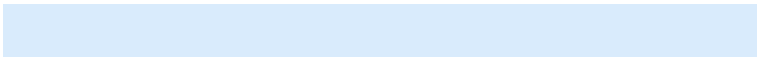
81.0345, 0.3346, 0.3311



81.0345, 0.3352, 0.3467



81.0345, 0.2913, 0.3263



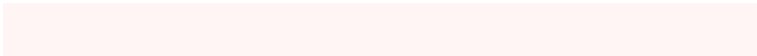
81.0345, 0.2907, 0.3111

Sweetspot

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



81.0347, 0.3346, 0.3311



93.4307, 0.3193, 0.3297



81.6711, 0.3151, 0.3004



19.7415, 0.3206, 0.3298



0.0000, 0.0000, 0.0000



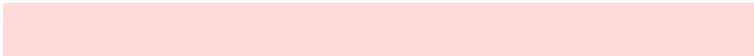
21.4041, 0.3127, 0.3290

Same Dimension

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



81.0347, 0.3346, 0.3311



77.0593, 0.3405, 0.3316



89.5697, 0.3327, 0.3459



18.1788, 0.3293, 0.3306



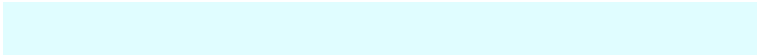
11.3862, 0.6355, 0.3336



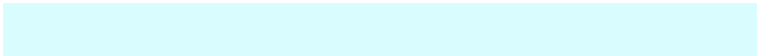
1.1727, 0.6250, 0.3419

Inverse Universe

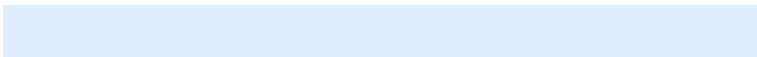
The Inverse Universe completely reimagines the original color for something new.



93.2848, 0.2940, 0.3269



91.8579, 0.2898, 0.3264



84.1688, 0.2936, 0.3115



20.2646, 0.2980, 0.3274



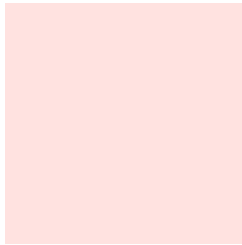
35.8783, 0.2190, 0.3083



3.5526, 0.2197, 0.3108

Previews

White Background



This preview shows how the Yxy color 81.0345, 0.3346, 0.3311 looks on a white background.

Color Contrast Check

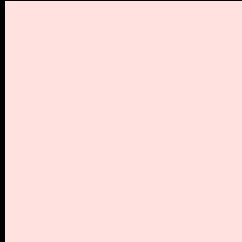
Large Text (above 18pt) WCAG AA × Fail

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 81.0345, 0.3346, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

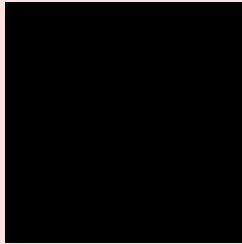
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

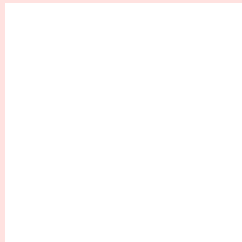
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0345, 0.3346, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 81.0345, 0.3346, 0.3311.

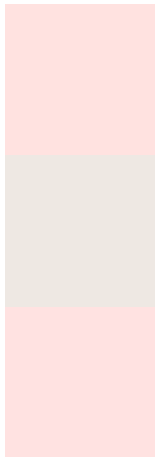


This preview shows how white text looks on a background with the Yxy color 81.0345, 0.3346, 0.3311.

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

81.0345, 0.3346, 0.3311

Protanopia

81.4364, 0.3200, 0.3342

Deuteranopia

81.0890, 0.3339, 0.3301



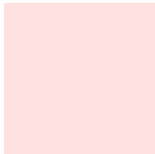
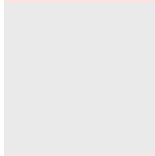
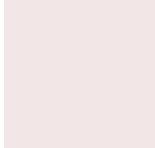
Tritanopia

80.8626, 0.3240, 0.3133

Trichromacy

	Original Color 81.0345, 0.3346, 0.3311
	Protanomaly 81.3177, 0.3250, 0.3331
	Deuteranomaly 81.0890, 0.3339, 0.3301
	Tritanomaly 81.0509, 0.3279, 0.3201

Monochromacy

	Original Color 81.0345, 0.3346, 0.3311
	Achromatopsia 82.2786, 0.3127, 0.3290
	Achromatomaly 81.7422, 0.3209, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0345, 0.3346, 0.3311 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, 226, 224) looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 224)  
}
```

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, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 224) }
```

Border

The CSS property to change the border of an element to Yxy 81.0345, 0.3346, 0.3311 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, 226, 224) }
```

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

```
.border{ border-color:rgb(255, 226, 224) }
```

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

Here you see how a box with a 4 pixel rgb(255, 226, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0345, 0.3346, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 224) }
```

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

```
.background{ background-color: rgb(255,  
226, 224) }
```

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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