

Converting Colors

$Y_{xy}(81.7576, 0.3341, 0.3319)$

Have a look what the booklet for
Yxy(81.7576, 0.3341, 0.3319)
contains.

Yxy(81.5800, 0.3344, 0.3321)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(81.5800, 0.3344, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	FFE3E0
RGB	255, 227, 224
RGB Percent	100%, 89%, 88%
CMY	0.0002, 0.1097, 0.1216
CMYK	0.00, 0.11, 0.12, 0.00
HSL	6°, 100%, 94%
HSV	6°, 12%, 100%
XYZ	82.1450, 81.5800, 81.9239
YIQ	235.0300, 17.6510, 5.0030

Conversions

Conversions Part 2

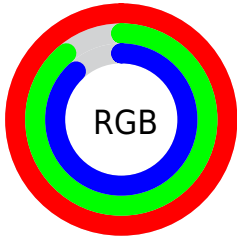
Format	Color
R_{YB}	255, 227, 224
Decimal	16770016
CIE Lab	92.39, 9.07, 4.97
CIE LCh	92, 10.346, 28.723
Yxy	81.5800, 0.3344, 0.3321
Android (android.graphics.Color)	4294960096 (0xFFFFE3E0)
YUV	235.0300, -5.4378, 17.5137
Hunter-Lab	90.3216, 4.2778, 9.4477

Details

The Yxy color **81.5800, 0.3344, 0.3321** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.6144, 0.2940, 0.3259**, and the grayscale version is **83.1309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.3754, 0.3391, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **68.5553, 0.3569, 0.3349**, and if you desaturate by 10%, it is **96.4978, 0.3162, 0.3295**.

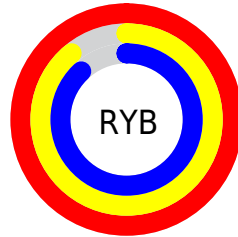
Distribution



Red (100%)

Green (89%)

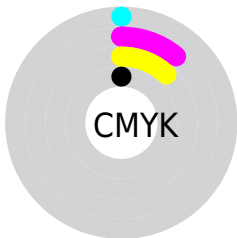
Blue (88%)



Red (100%)

Yellow (89%)

Blue (88%)

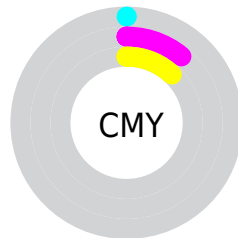


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.5800, 0.3344, 0.3321 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 81.5800, 0.3344, 0.3321 by changing the saturation by 10% instead.


 81.5800, 0.3344,
0.3321

 81.5800, 0.3344,
0.3321


500.2417, 0.3245,
0.3308

 61.0194, 0.3366,
0.3324


135.5849, 0.3310,
0.3317

 44.2408, 0.3394,
0.3327


169.7979, 0.3297,
0.3315

 30.8599, 0.3428,
0.3331


209.3306, 0.3285,
0.3313

 20.4922, 0.3472,
0.3336

254.5672, 0.3275,
0.3312

 12.7533, 0.3532,
0.3342

305.8923, 0.3266,
0.3311

 7.2589, 0.3617,
0.3350

363.6901, 0.3258,

 3.6245, 0.3747,

0.3310

0.3359

428.3451, 0.3251,
0.3309

■ 1.4658, 0.3969,
0.3370

■ 0.2645, 0.6413,
0.3587

■ 81.5800, 0.3344,
0.3321

■ 81.5800, 0.3344,
0.3321

■ 68.5553, 0.3569,
0.3349

■ 96.4978, 0.3162,
0.3295

■ 57.3376, 0.3846,
0.3377

99.9887, 0.3127,
0.3290

■ 47.8503, 0.4181,
0.3404

■ 40.0072, 0.4575,
0.3427

■ 33.7144, 0.5017,
0.3441

■ 28.8688, 0.5474,
0.3440

■ 25.3546, 0.5888,
0.3420

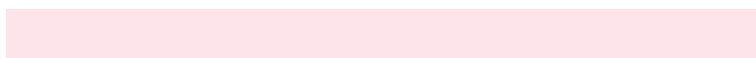
■ 23.0381, 0.6195,
0.3381

■ 21.9480, 0.6340,
0.3348

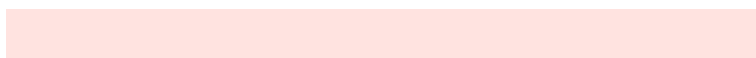
Harmonies

Analogous

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



81.5800, 0.3266, 0.3218



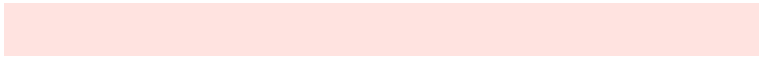
81.5800, 0.3344, 0.3321



81.5800, 0.3363, 0.3419

Triad

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



81.5800, 0.3344, 0.3321



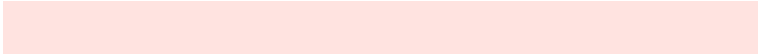
81.5800, 0.3100, 0.3454



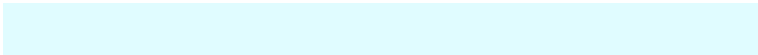
81.5800, 0.2939, 0.3097

Complementary

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



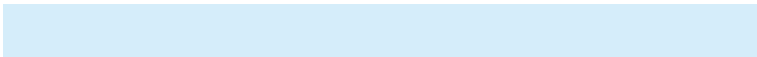
81.5800, 0.3344, 0.3321



92.6144, 0.2940, 0.3259

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.



81.5800, 0.2897, 0.3156



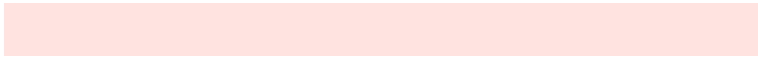
81.5800, 0.3344, 0.3321



81.5800, 0.2989, 0.3363

Square

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



81.5800, 0.3344, 0.3321



81.5800, 0.3220, 0.3499



81.5800, 0.2915, 0.3253



81.5800, 0.3032, 0.3090

Rectangle

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



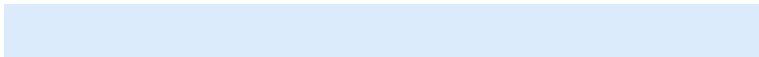
81.5800, 0.3344, 0.3321



81.5800, 0.3339, 0.3468



81.5800, 0.2915, 0.3253



81.5800, 0.2919, 0.3111

Sweetspot

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



81.5836, 0.3344, 0.3321



93.6327, 0.3193, 0.3300



81.6014, 0.3158, 0.3014



19.7924, 0.3205, 0.3302



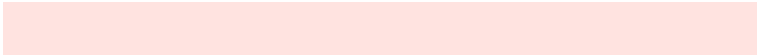
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



81.5836, 0.3344, 0.3321



77.7139, 0.3404, 0.3329



90.1583, 0.3325, 0.3468



18.2745, 0.3292, 0.3314



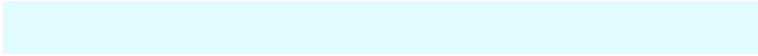
11.5686, 0.6325, 0.3360



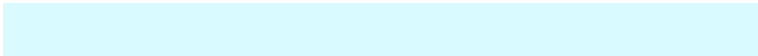
1.2178, 0.6180, 0.3475

Inverse Universe

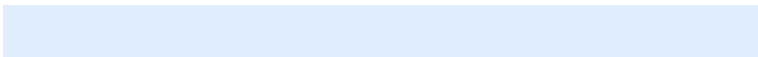
The Inverse Universe completely reimagines the original color for something new.



92.6144, 0.2940, 0.3259



91.0748, 0.2897, 0.3251



83.5602, 0.2937, 0.3105



20.1577, 0.2980, 0.3266



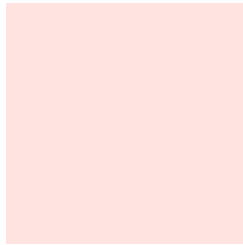
33.4399, 0.2160, 0.2977



3.3408, 0.2171, 0.3016

Previews

White Background



This preview shows how the Yxy color 81.5800, 0.3344, 0.3321 looks on a white background.

Color Contrast Check

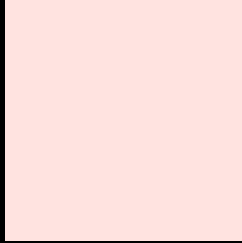
Large Text (above 18pt) WCAG AA × Fail

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 81.5800, 0.3344, 0.3321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

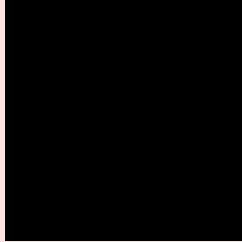
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

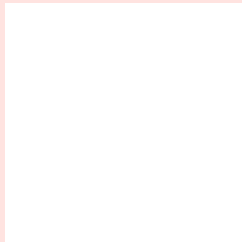
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.5800, 0.3344, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 81.5800, 0.3344, 0.3321.

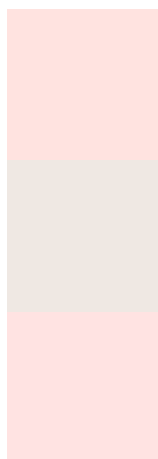


This preview shows how white text looks on a background with the Yxy color 81.5800, 0.3344, 0.3321.

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

81.5800, 0.3344, 0.3321

Protanopia

81.6100, 0.3207, 0.3342

Deuteranopia

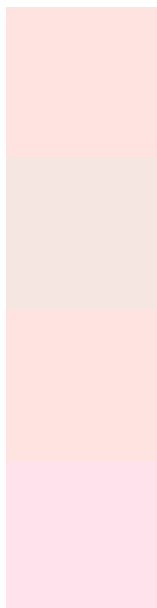
81.6892, 0.3331, 0.3301



Tritanopia

81.4613, 0.3232, 0.3133

Trichromacy



Original Color

81.5800, 0.3344, 0.3321

Protanomaly

81.4971, 0.3257, 0.3331

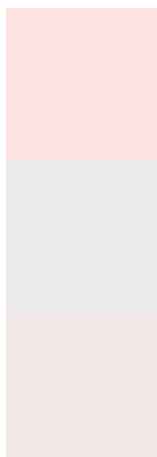
Deuteranomaly

81.6344, 0.3338, 0.3311

Tritanomaly

81.6509, 0.3271, 0.3201

Monochromacy



Original Color

81.5800, 0.3344, 0.3321

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.3600, 0.3202, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.5800, 0.3344, 0.3321 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, 227, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 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, 227, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 224) }
```

Border

The CSS property to change the border of an element to Yxy 81.5800, 0.3344, 0.3321 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, 227, 224) }
```

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

```
.border{ border-color:rgb(255, 227, 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, 227, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 81.5800, 0.3344, 0.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 224) }
```

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

```
.background{ background-color: rgb(255,  
227, 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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