

Converting Colors

$Y_{xy}(80.5513, 0.3340, 0.3291)$

Have a look what the booklet for
Yxy(80.5513, 0.3340, 0.3291)
contains.

Yxy(80.5467, 0.3340, 0.3291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(80.5467, 0.3340, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1E1
RGB	255, 225, 225
RGB Percent	100%, 88%, 88%
CMY	0.0001, 0.1176, 0.1177
CMYK	0.00, 0.12, 0.12, 0.00
HSL	0°, 100%, 94%
HSV	0°, 12%, 100%
XYZ	81.7460, 80.5467, 82.4557
YIQ	233.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

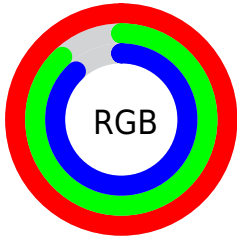
Format	Color
R _Y B	255, 225, 225
Decimal	16769505
CIE Lab	91.93, 10.28, 3.79
CIE LCh	92, 10.956, 20.220
Yxy	80.5467, 0.3340, 0.3291
Android (android.graphics.Color)	4294959585 (0xFFFFE1E1)
YUV	233.9700, -4.4222, 18.4433
Hunter-Lab	89.7478, 5.5264, 8.3508

Details

The Yxy color **80.5467, 0.3340, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94.7004, 0.2946, 0.3289**, and the grayscale version is **82.2789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.6575, 0.3386, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **66.5035, 0.3571, 0.3292**, and if you desaturate by 10%, it is **96.8578, 0.3156, 0.3290**.

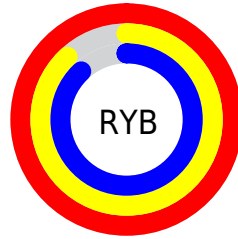
Distribution



Red (100%)

Green (88%)

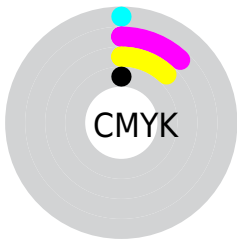
Blue (88%)



Red (100%)

Yellow (88%)

Blue (88%)

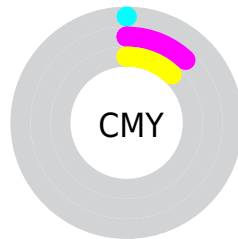


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.5467, 0.3340, 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 80.5467, 0.3340, 0.3291 by changing the saturation by 10% instead.


 80.5467, 0.3340,
0.3291

 80.5467, 0.3340,
0.3291


496.7733, 0.3243,
0.3291

 60.1683, 0.3362,
0.3291


134.1341, 0.3307,
0.3291

 43.5543, 0.3389,
0.3290


168.1119, 0.3293,
0.3291

 30.3203, 0.3423,
0.3290


207.3917, 0.3282,
0.3291

 20.0818, 0.3467,
0.3289

252.3578, 0.3272,
0.3291

 12.4545, 0.3526,
0.3287

303.3946, 0.3264,
0.3291

 7.0540, 0.3610,
0.3284

360.8865, 0.3256,

 3.4959, 0.3740,

0.3291

0.3277

425.2180, 0.3249,
0.3291

■ 1.3958, 0.3963,
0.3261

■ 0.2136, 0.6800,
0.3200

■ 80.5467, 0.3340,
0.3291

■ 80.5467, 0.3340,
0.3291

■ 66.5035, 0.3571,
0.3292

■ 96.8578, 0.3156,
0.3290

■ 54.6178, 0.3860,
0.3293

99.9951, 0.3127,
0.3290

■ 44.7860, 0.4216,
0.3295

■ 36.8917, 0.4638,
0.3296

■ 30.8069, 0.5112,
0.3298

■ 26.3885, 0.5593,
0.3299

■ 23.4714, 0.6009,
0.3300

■ 21.8571, 0.6287,
0.3300

■ 21.2625, 0.6400,
0.3300

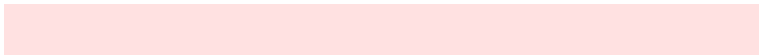
Harmonies

Analogous

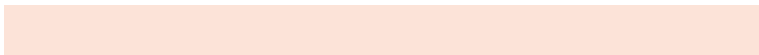
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5467, 0.3243, 0.3185



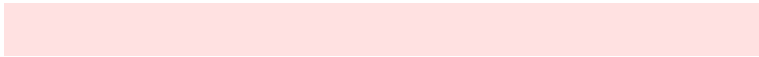
80.5467, 0.3340, 0.3291



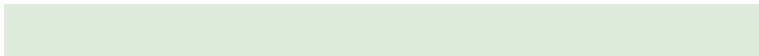
80.5467, 0.3379, 0.3399

Triad

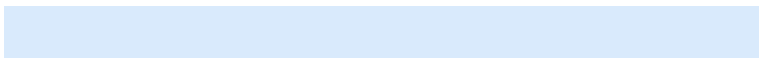
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.5467, 0.3340, 0.3291



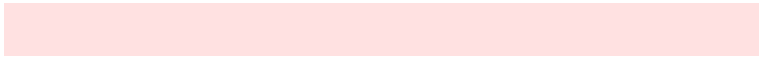
80.5467, 0.3135, 0.3484



80.5467, 0.2909, 0.3097

Complementary

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



80.5467, 0.3340, 0.3291



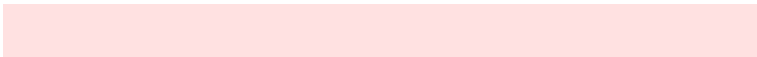
94.7004, 0.2946, 0.3289

Split Complementary

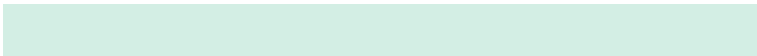
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.5467, 0.2882, 0.3173



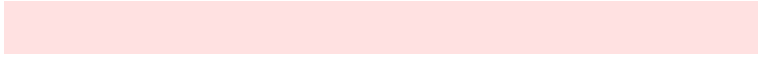
80.5467, 0.3340, 0.3291



80.5467, 0.3011, 0.3399

Square

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



80.5467, 0.3340, 0.3291



80.5467, 0.3259, 0.3514



80.5467, 0.2919, 0.3284



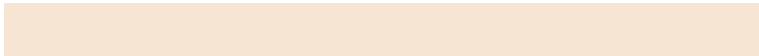
80.5467, 0.2993, 0.3074

Rectangle

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



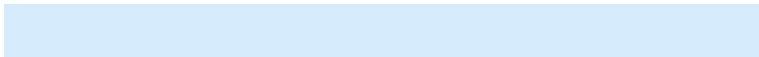
80.5467, 0.3340, 0.3291



80.5467, 0.3367, 0.3459



80.5467, 0.2919, 0.3284



80.5467, 0.2893, 0.3117

Sweetspot

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



80.5503, 0.3340, 0.3291



93.0325, 0.3193, 0.3290



82.3119, 0.3141, 0.2999



19.6413, 0.3206, 0.3290



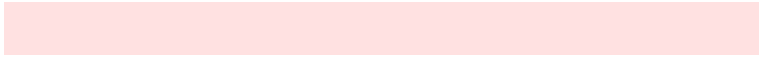
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

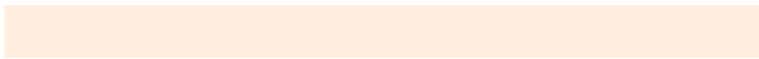
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.5503, 0.3340, 0.3291



77.2349, 0.3387, 0.3291



88.9963, 0.3321, 0.3438



17.9910, 0.3295, 0.3291



11.1144, 0.6400, 0.3300



1.0835, 0.6398, 0.3302

Inverse Universe

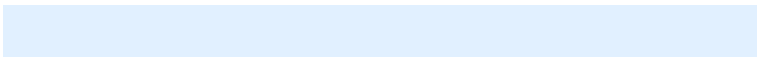
The Inverse Universe completely reimagines the original color for something new.



94.7004, 0.2946, 0.3289



93.8162, 0.2913, 0.3289



85.5284, 0.2943, 0.3137



20.4771, 0.2980, 0.3289



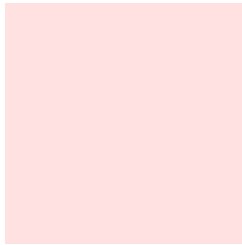
41.0318, 0.2245, 0.3283



3.9964, 0.2246, 0.3284

Previews

White Background



This preview shows how the Yxy color 80.5467, 0.3340, 0.3291 looks on a white background.

Color Contrast Check

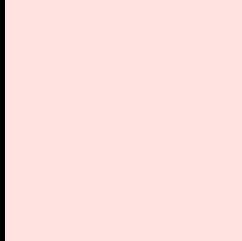
Large Text (above 18pt) WCAG AA × Fail

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 80.5467, 0.3340, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

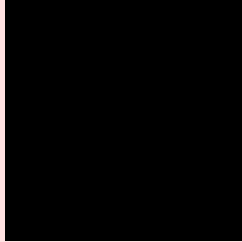
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

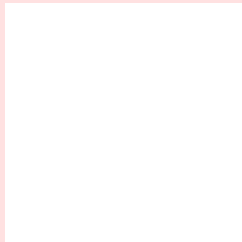
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.5467, 0.3340, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 80.5467, 0.3340, 0.3291.

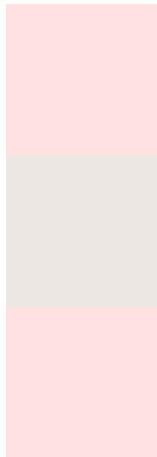


This preview shows how white text looks on a background with the Yxy color 80.5467, 0.3340, 0.3291.

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

80.5467, 0.3340, 0.3291

Protanopia

80.7578, 0.3187, 0.3321

Deuteranopia

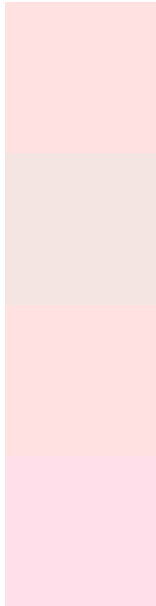
80.6014, 0.3333, 0.3281



Tritanopia

80.2673, 0.3247, 0.3132

Trichromacy



Original Color

80.5467, 0.3340, 0.3291

Protanomaly

80.8178, 0.3244, 0.3311

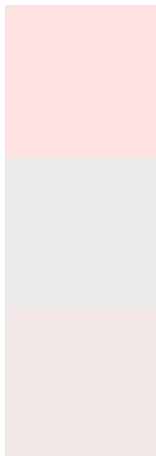
Deuteranomaly

80.6014, 0.3333, 0.3281

Tritanomaly

80.5118, 0.3280, 0.3191

Monochromacy



Original Color

80.5467, 0.3340, 0.3291

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.7986, 0.3203, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.5467, 0.3340, 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(255, 225, 225)` looks like.

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

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, 225) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 80.5467, 0.3340, 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(255, 225, 225) }
```

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

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

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, 225) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 80.5467, 0.3340, 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(255, 225, 225) }
```

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor