

Converting Colors

$Yxy(81.7619, 0.3361, 0.3298)$

Have a look what the booklet for
Yxy(81.7619, 0.3361, 0.3298)
contains.

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Color

Yxy(81.0890, 0.3339, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2E1
RGB	255, 226, 225
RGB Percent	100%, 89%, 88%
CMY	0.0000, 0.1137, 0.1178
CMYK	0.00, 0.11, 0.12, 0.00
HSL	2°, 100%, 94%
HSV	2°, 12%, 100%
XYZ	82.0225, 81.0890, 82.5383
YIQ	234.5570, 17.6050, 5.8370

Conversions

Conversions Part 2

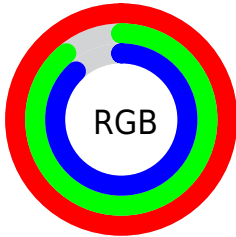
Format	Color
R _Y B	255, 226, 225
Decimal	16769761
CIE Lab	92.17, 9.78, 4.14
CIE LCh	92, 10.617, 22.967
Yxy	81.0890, 0.3339, 0.3301
Android (android.graphics.Color)	4294959841 (0xFFFFE2E1)
YUV	234.5570, -4.7116, 17.9285
Hunter-Lab	90.0494, 5.0021, 8.6900

Details

The Yxy color **81.0890, 0.3339, 0.3301** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94.0772, 0.2946, 0.3279**, and the grayscale version is **82.7508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0339, 0.3384, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **67.3634, 0.3568, 0.3311**, and if you desaturate by 10%, it is **96.9511, 0.3156, 0.3292**.

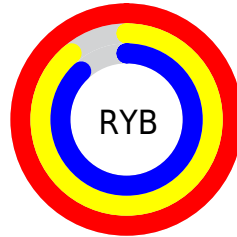
Distribution



Red (100%)

Green (89%)

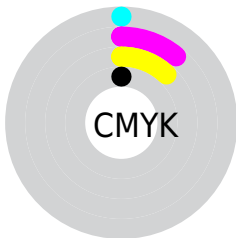
Blue (88%)



Red (100%)

Yellow (89%)

Blue (88%)

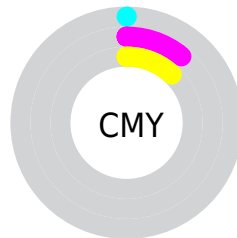


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0890, 0.3339, 0.3301 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 81.0890, 0.3339, 0.3301 by changing the saturation by 10% instead.


 81.0890, 0.3339,
0.3301

 81.0890, 0.3339,
0.3301


498.5953, 0.3242,
0.3297

 60.6149, 0.3361,
0.3302


134.8957, 0.3306,
0.3300

 43.9145, 0.3388,
0.3303


168.9971, 0.3293,
0.3299

 30.6033, 0.3421,
0.3303


208.4098, 0.3281,
0.3299

 20.2969, 0.3465,
0.3304

253.5181, 0.3272,
0.3298

 12.6111, 0.3524,
0.3305

304.7064, 0.3263,
0.3298

 7.1613, 0.3607,
0.3306

362.3591, 0.3255,

 3.5632, 0.3735,

0.3298

0.3305

426.8606, 0.3249,
0.3297

■ 1.4323, 0.3954,
0.3298

■ 0.2404, 0.6602,
0.3398

■ 81.0890, 0.3339,
0.3301

■ 81.0890, 0.3339,
0.3301

■ 67.3634, 0.3568,
0.3311

■ 96.9511, 0.3156,
0.3292

■ 55.6729, 0.3852,
0.3322

99.9997, 0.3127,
0.3290

■ 45.9239, 0.4199,
0.3332

■ 38.0114, 0.4612,
0.3341

■ 31.8202, 0.5075,
0.3346

■ 27.2225, 0.5549,
0.3345

■ 24.0723, 0.5968,
0.3337

■ 22.1973, 0.6260,
0.3323

■ 21.4520, 0.6384,
0.3313

Harmonies

Analogous

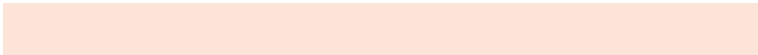
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0890, 0.3249, 0.3197



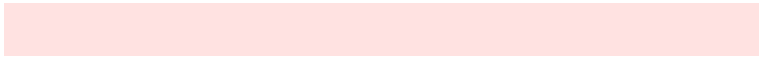
81.0890, 0.3339, 0.3301



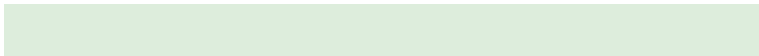
81.0890, 0.3371, 0.3405

Triad

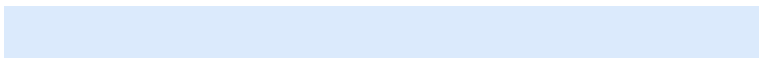
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0890, 0.3339, 0.3301



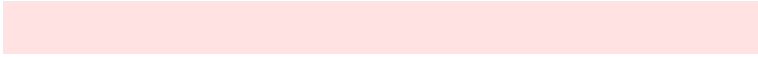
81.0890, 0.3123, 0.3472



81.0890, 0.2921, 0.3099

Complementary

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



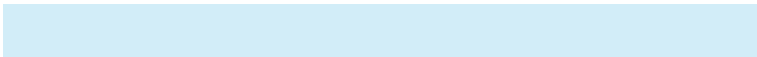
81.0890, 0.3339, 0.3301



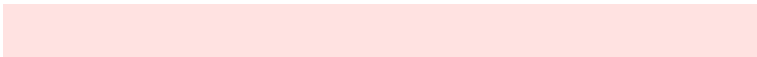
94.0772, 0.2946, 0.3279

Split Complementary

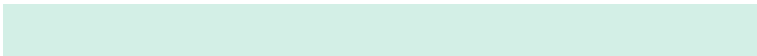
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0890, 0.2889, 0.3169



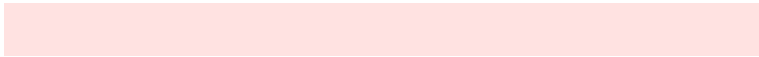
81.0890, 0.3339, 0.3301



81.0890, 0.3005, 0.3386

Square

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



81.0890, 0.3339, 0.3301



81.0890, 0.3245, 0.3507



81.0890, 0.2920, 0.3273



81.0890, 0.3008, 0.3081

Rectangle

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



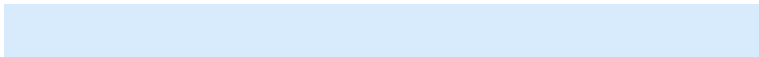
81.0890, 0.3339, 0.3301



81.0890, 0.3355, 0.3460



81.0890, 0.2920, 0.3273



81.0890, 0.2904, 0.3117

Sweetspot

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



81.0926, 0.3339, 0.3301



93.2386, 0.3193, 0.3294



82.2480, 0.3147, 0.3008



19.6932, 0.3206, 0.3294



0.0000, 0.0000, 0.0000



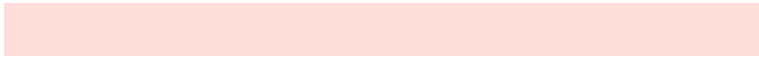
21.4041, 0.3127, 0.3290

Same Dimension

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



81.0926, 0.3339, 0.3301



77.8607, 0.3386, 0.3303



89.5951, 0.3321, 0.3448



18.0881, 0.3294, 0.3299



11.2530, 0.6377, 0.3319



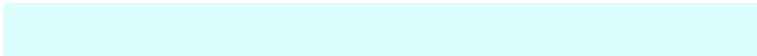
1.1297, 0.6320, 0.3364

Inverse Universe

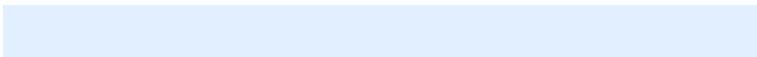
The Inverse Universe completely reimagines the original color for something new.



94.0772, 0.2946, 0.3279



93.0579, 0.2913, 0.3277



84.9445, 0.2943, 0.3127



20.3668, 0.2980, 0.3281



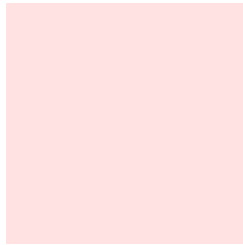
38.3058, 0.2217, 0.3181



3.7622, 0.2221, 0.3194

Previews

White Background



This preview shows how the Yxy color 81.0890, 0.3339, 0.3301 looks on a white background.

Color Contrast Check

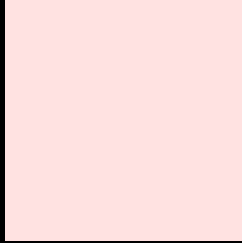
Large Text (above 18pt) WCAG AA × Fail

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 81.0890, 0.3339, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

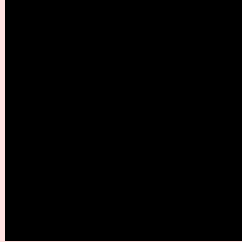
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

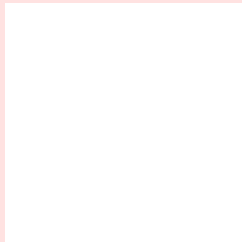
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0890, 0.3339, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 81.0890, 0.3339, 0.3301.

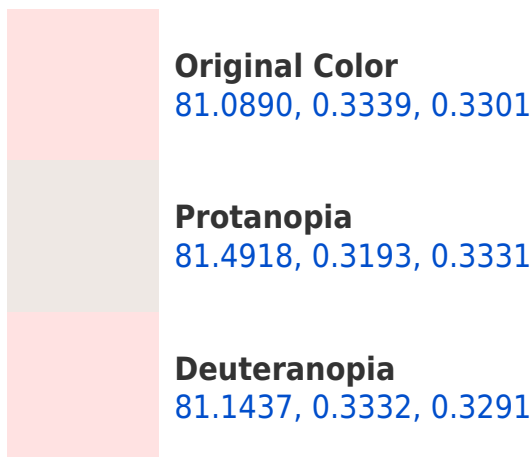


This preview shows how white text looks on a background with the Yxy color 81.0890, 0.3339, 0.3301.

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

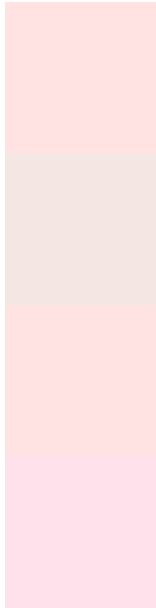




Tritanopia

80.8626, 0.3240, 0.3133

Trichromacy



Original Color

81.0890, 0.3339, 0.3301

Protanomaly

81.3728, 0.3243, 0.3321

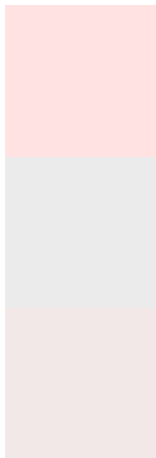
Deuteranomaly

81.1437, 0.3332, 0.3291

Tritanomaly

81.1086, 0.3272, 0.3192

Monochromacy



Original Color

81.0890, 0.3339, 0.3301

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 81.0890, 0.3339, 0.3301 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 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, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 225) }
```

Border

The CSS property to change the border of an element to Yxy 81.0890, 0.3339, 0.3301 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, 225) }
```

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

```
.border{ border-color:rgb(255, 226, 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, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0890, 0.3339, 0.3301 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, 225) }
```

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

```
.background{ background-color: rgb(255,  
226, 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](#).

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