

Converting Colors

$Y_{xy}(80.2910, 0.3316, 0.3245)$

Have a look what the booklet for
Yxy(80.2910, 0.3316, 0.3245)
contains.

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Color

Yxy(80.2285, 0.3314, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0E5
RGB	255, 224, 229
RGB Percent	100%, 88%, 90%
CMY	0.0000, 0.1215, 0.1020
CMYK	0.00, 0.12, 0.10, 0.00
HSL	350°, 100%, 94%
HSV	350°, 12%, 100%
XYZ	82.0356, 80.2285, 85.2784
YIQ	233.8390, 16.8710, 8.1270

Conversions

Conversions Part 2

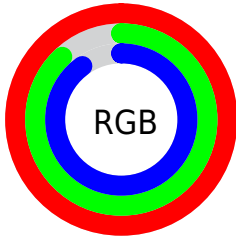
Format	Color
R _Y B	255, 224, 229
Decimal	16769253
CIE Lab	91.79, 11.46, 1.48
CIE LCh	92, 11.551, 7.384
Yxy	80.2285, 0.3314, 0.3241
Android (android.graphics.Color)	4294959333 (0xFFFFE0E5)
YUV	233.8390, -2.3856, 18.5582
Hunter-Lab	89.5704, 6.7362, 6.2503

Details

The Yxy color **80.2285, 0.3314, 0.3241** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94.2704, 0.2967, 0.3340**, and the grayscale version is **82.1615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.4377, 0.3352, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **66.4144, 0.3509, 0.3198**, and if you desaturate by 10%, it is **96.2525, 0.3157, 0.3282**.

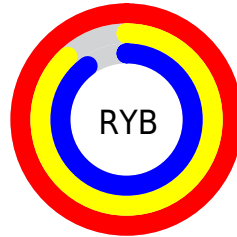
Distribution



Red (100%)

Green (88%)

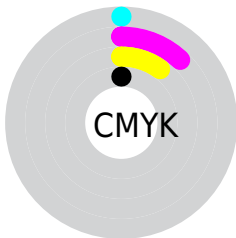
Blue (90%)



Red (100%)

Yellow (88%)

Blue (90%)

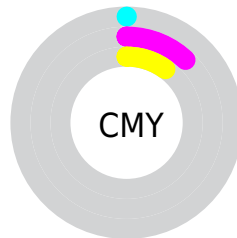


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (12%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.2285, 0.3314, 0.3241 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 80.2285, 0.3314, 0.3241 by changing the saturation by 10% instead.

 80.2285, 0.3314,
0.3241

 80.2285, 0.3314,
0.3241


495.7026, 0.3229,
0.3264

 59.9064, 0.3333,
0.3236


133.6869, 0.3285,
0.3249

 43.3432, 0.3357,
0.3229


167.5921, 0.3273,
0.3252

 30.1545, 0.3386,
0.3221


206.7937, 0.3263,
0.3255

 19.9559, 0.3425,
0.3211

251.6762, 0.3255,
0.3257

 12.3630, 0.3477,
0.3196

302.6239, 0.3247,
0.3259

 6.9914, 0.3550,
0.3176

360.0213, 0.3240,

 3.4567, 0.3663,

0.3261

0.3143

424.2527, 0.3234,
0.3262

■ 1.3746, 0.3857,
0.3086

■ 0.1979, 0.6018,
0.2546

■ 80.2285, 0.3314,
0.3241

■ 80.2285, 0.3314,
0.3241

■ 66.4144, 0.3509,
0.3198

■ 96.2525, 0.3157,
0.3282

■ 54.7030, 0.3751,
0.3154

99.9994, 0.3127,
0.3290

■ 44.9941, 0.4047,
0.3112

■ 37.1753, 0.4400,
0.3076

■ 31.1228, 0.4805,
0.3053

■ 26.6982, 0.5239,
0.3053

■ 23.7421, 0.5659,
0.3081

■ 22.0630, 0.6009,
0.3138

■ 21.4191, 0.6206,
0.3193

Harmonies

Analogous

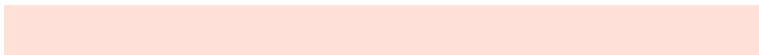
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2285, 0.3193, 0.3139



80.2285, 0.3314, 0.3241



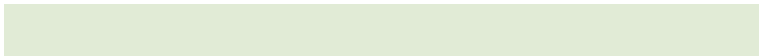
80.2285, 0.3384, 0.3358

Triad

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



80.2285, 0.3314, 0.3241



80.2285, 0.3194, 0.3517



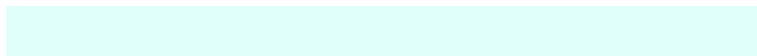
80.2285, 0.2876, 0.3115

Complementary

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



80.2285, 0.3314, 0.3241



94.2704, 0.2967, 0.3340

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.



80.2285, 0.2877, 0.3213



80.2285, 0.3314, 0.3241



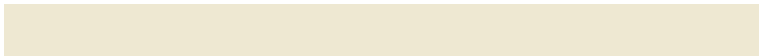
80.2285, 0.3058, 0.3449

Square

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



80.2285, 0.3314, 0.3241



80.2285, 0.3314, 0.3520



80.2285, 0.2943, 0.3337



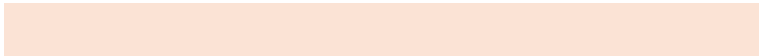
80.2285, 0.2941, 0.3065

Rectangle

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



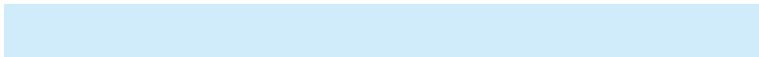
80.2285, 0.3314, 0.3241



80.2285, 0.3393, 0.3430



80.2285, 0.2943, 0.3337



80.2285, 0.2869, 0.3143

Sweetspot

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



80.2321, 0.3314, 0.3241



93.1246, 0.3183, 0.3274



80.8292, 0.3106, 0.2986



19.6645, 0.3194, 0.3271



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

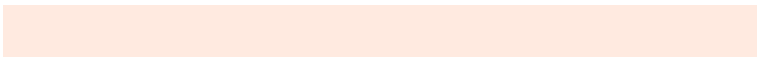
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.2321, 0.3314, 0.3241



76.0788, 0.3365, 0.3229



85.6804, 0.3335, 0.3393



18.0346, 0.3269, 0.3252



11.2062, 0.6175, 0.3176



1.1041, 0.5899, 0.3023

Inverse Universe

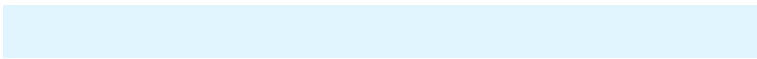
The Inverse Universe completely reimagines the original color for something new.



80.2321, 0.3314, 0.3241



76.0788, 0.3365, 0.3229



88.1726, 0.2938, 0.3185



18.0346, 0.3269, 0.3252



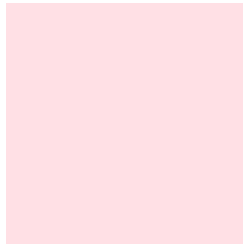
11.2062, 0.6175, 0.3176



1.1041, 0.5899, 0.3023

Previews

White Background



This preview shows how the Yxy color 80.2285, 0.3314, 0.3241 looks on a white background.

Color Contrast Check

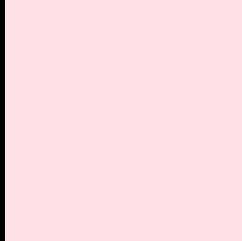
Large Text (above 18pt) WCAG AA × Fail

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 80.2285, 0.3314, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

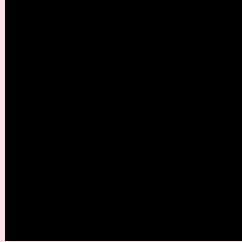
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.2285, 0.3314, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 80.2285, 0.3314, 0.3241.

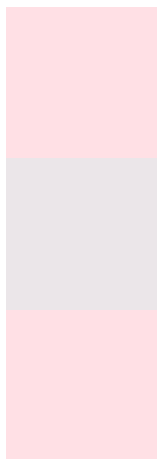


This preview shows how white text looks on a background with the Yxy color 80.2285, 0.3314, 0.3241.

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

80.2285, 0.3314, 0.3241

Protanopia

80.1390, 0.3142, 0.3259

Deuteranopia

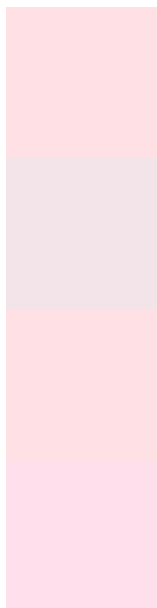
80.2285, 0.3314, 0.3241



Tritanopia

80.2673, 0.3247, 0.3132

Trichromacy



Original Color

80.2285, 0.3314, 0.3241

Protanomaly

80.1902, 0.3198, 0.3249

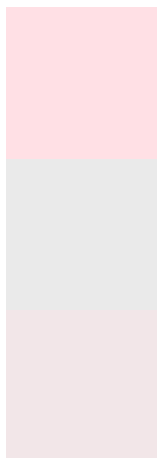
Deuteranomaly

80.2285, 0.3314, 0.3241

Tritanomaly

80.0335, 0.3274, 0.3172

Monochromacy



Original Color

80.2285, 0.3314, 0.3241

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.2971, 0.3197, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.2285, 0.3314, 0.3241 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, 224, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 229)  
}
```

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, 224, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 229) }
```

Border

The CSS property to change the border of an element to Yxy 80.2285, 0.3314, 0.3241 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, 224, 229) }
```

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

```
.border{ border-color:rgb(255, 224, 229) }
```

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

Here you see how a box with a 4 pixel rgb(255, 224, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 80.2285, 0.3314, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 229) }
```

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

```
.background{ background-color: rgb(255,  
224, 229) }
```

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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