

Converting Colors

$Y_{xy}(82.0200, 0.3230, 0.3140)$

Have a look what the booklet for
Yxy(82.0200, 0.3230, 0.3140)
contains.

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Color

Yxy(82.0036, 0.3231, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2F1
RGB	255, 226, 241
RGB Percent	100%, 89%, 95%
CMY	0.0002, 0.1136, 0.0549
CMYK	0.00, 0.11, 0.05, 0.00
HSL	329°, 100%, 94%
HSV	329°, 11%, 100%
XYZ	84.2996, 82.0036, 94.6055
YIQ	236.3810, 12.4690, 10.8130

Conversions

Conversions Part 2

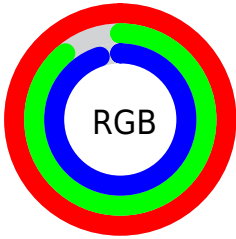
Format	Color
R _Y B	255, 226, 241
Decimal	16769777
CIE Lab	92.58, 12.39, -3.64
CIE LCh	93, 12.919, 343.612
Yxy	82.0036, 0.3231, 0.3143
Android (android.graphics.Color)	4294959857 (0xFFFFE2F1)
YUV	236.3810, 2.2772, 16.3289
Hunter-Lab	90.5558, 7.6952, 1.4476

Details

The Yxy color $82.0036, 0.3231, 0.3143$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $93.9500, 0.3035, 0.3442$, and the grayscale version is $84.1614, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.6344, 0.3253, 0.3115$ is the 20% darker color. If you saturate the color by 10%, you get $68.4454, 0.3343, 0.3006$, and if you desaturate by 10%, it is $97.6801, 0.3138, 0.3273$.

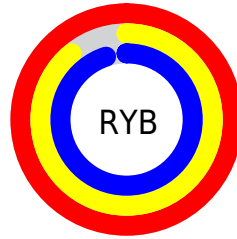
Distribution



Red (100%)

Green (89%)

Blue (95%)



Red (100%)

Yellow (89%)

Blue (95%)

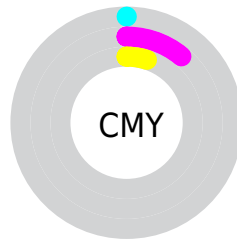


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.0036, 0.3231, 0.3143 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 82.0036, 0.3231, 0.3143 by changing the saturation by 10% instead.


 82.0036, 0.3231,
0.3143

 82.0036, 0.3231,
0.3143


501.6597, 0.3184,
0.3209

 61.3685, 0.3241,
0.3128


136.1791, 0.3215,
0.3165

 44.5226, 0.3254,
0.3111

170.4882, 0.3209,
0.3174

 31.0816, 0.3270,
0.3089

210.1241, 0.3203,
0.3182

 20.6610, 0.3290,
0.3060

255.4713, 0.3199,
0.3189

 12.8764, 0.3317,
0.3023

306.9140, 0.3194,
0.3195

 7.3435, 0.3355,
0.2970

364.8367, 0.3191,

 3.6778, 0.3411,

0.3200

0.2893

429.6239, 0.3187,
0.3205

■ 1.4950, 0.3504,
0.2765

■ 0.2852, 0.4028,
0.2003

■ 82.0036, 0.3231,
0.3143

■ 82.0036, 0.3231,
0.3143

■ 68.4454, 0.3343,
0.3006

■ 97.6801, 0.3138,
0.3273

■ 56.9031, 0.3476,
0.2867

99.9904, 0.3127,
0.3290

■ 47.2820, 0.3634,
0.2729

■ 39.4752, 0.3818,
0.2601

■ 33.3655, 0.4025,
0.2495

■ 28.8219, 0.4252,
0.2422

■ 25.6936, 0.4490,
0.2395

■ 23.7997, 0.4727,
0.2423

■ 22.9171, 0.4924,
0.2486

Harmonies

Analogous

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



82.0036, 0.3079, 0.3062



82.0036, 0.3231, 0.3143



82.0036, 0.3357, 0.3262

Triad

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



82.0036, 0.3231, 0.3143



82.0036, 0.3310, 0.3551



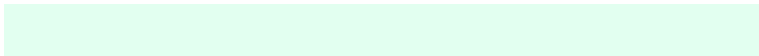
82.0036, 0.2843, 0.3178

Complementary

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



82.0036, 0.3231, 0.3143



93.9500, 0.3035, 0.3442

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.



82.0036, 0.2902, 0.3313



82.0036, 0.3231, 0.3143



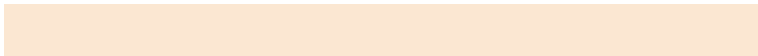
82.0036, 0.3169, 0.3533

Square

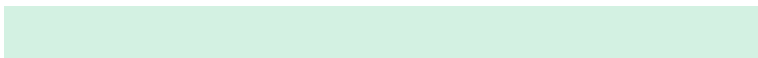
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



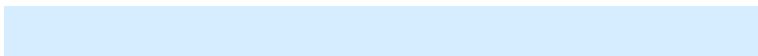
82.0036, 0.3231, 0.3143



82.0036, 0.3402, 0.3497



82.0036, 0.3020, 0.3444



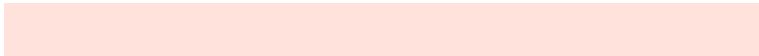
82.0036, 0.2858, 0.3079

Rectangle

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



82.0036, 0.3231, 0.3143



82.0036, 0.3407, 0.3349



82.0036, 0.3020, 0.3444



82.0036, 0.2855, 0.3221

Sweetspot

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



82.0072, 0.3231, 0.3143



94.9805, 0.3152, 0.3252



80.0643, 0.3036, 0.3001



20.0497, 0.3159, 0.3242



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.



82.0072, 0.3231, 0.3143



78.2403, 0.3259, 0.3107



81.2015, 0.3325, 0.3281



18.1442, 0.3213, 0.3168



12.0104, 0.4889, 0.2467



1.1915, 0.4644, 0.2332

Inverse Universe

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



82.0072, 0.3231, 0.3143



78.2403, 0.3259, 0.3107



94.8153, 0.2958, 0.3299



18.1442, 0.3213, 0.3168



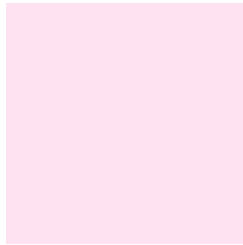
12.0104, 0.4889, 0.2467



1.1915, 0.4644, 0.2332

Previews

White Background



This preview shows how the Yxy color 82.0036, 0.3231, 0.3143 looks on a white background.

Color Contrast Check

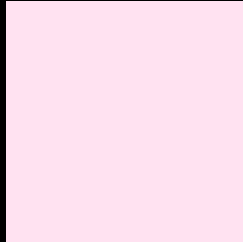
Large Text (above 18pt) WCAG AA × Fail

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 82.0036, 0.3231, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

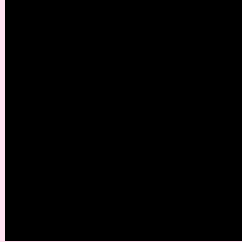
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.0036, 0.3231, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 82.0036, 0.3231, 0.3143.

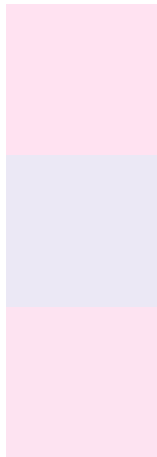


This preview shows how white text looks on a background with the Yxy color 82.0036, 0.3231, 0.3143.

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

82.0036, 0.3231, 0.3143

Protanopia

81.9680, 0.3066, 0.3158

Deuteranopia

82.1717, 0.3217, 0.3152



Tritanopia

82.1238, 0.3218, 0.3123

Trichromacy



Original Color

82.0036, 0.3231, 0.3143

Protanomaly

82.0025, 0.3120, 0.3149

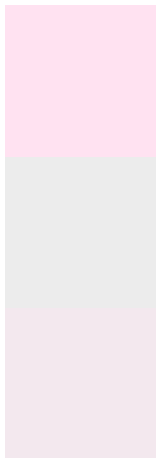
Deuteranomaly

82.3599, 0.3224, 0.3152

Tritanomaly

82.0635, 0.3225, 0.3133

Monochromacy



Original Color

82.0036, 0.3231, 0.3143

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

82.9410, 0.3164, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0036, 0.3231, 0.3143 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 241) }
```

Border

The CSS property to change the border of an element to Yxy 82.0036, 0.3231, 0.3143 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, 241) }
```

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

```
.border{ border-color:rgb(255, 226, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0036, 0.3231, 0.3143 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, 241) }
```

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

```
.background{ background-color: rgb(255,  
226, 241) }
```

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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