

Converting Colors

Yxy(82.8367, 0.3269, 0.3154)

Have a look what the booklet for
Yxy(82.8367, 0.3269, 0.3154)
contains.

Yxy(81.9440, 0.3238, 0.3153)	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(81.9440, 0.3238, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2F0
RGB	255, 226, 240
RGB Percent	100%, 89%, 94%
CMY	0.0001, 0.1136, 0.0589
CMYK	0.00, 0.11, 0.06, 0.00
HSL	331°, 100%, 94%
HSV	331°, 11%, 100%
XYZ	84.1531, 81.9440, 93.7951
YIQ	236.2670, 12.7900, 10.5020

Conversions

Conversions Part 2

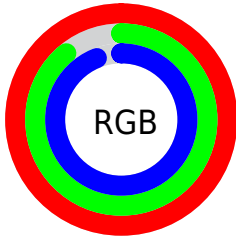
Format	Color
R _Y B	255, 226, 240
Decimal	16769776
CIE _{Lab}	92.55, 12.23, -3.14
CIE _{LCh}	93, 12.626, 345.583
Y _{xy}	81.9440, 0.3238, 0.3153
Android (android.graphics.Color)	4294959856 (0xFFFFE2F0)
Y _{UV}	236.2670, 1.8404, 16.4288
Hunter-Lab	90.5229, 7.5243, 1.9329

Details

The Yxy color $81.9440, 0.3238, 0.3153$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $94.0269, 0.3029, 0.3431$, and the grayscale version is $84.0733, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.5923, 0.3261, 0.3127$ is the 20% darker color. If you saturate the color by 10%, you get $68.3384, 0.3358, 0.3026$, and if you desaturate by 10%, it is $97.6759, 0.3139, 0.3274$.

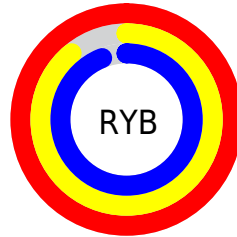
Distribution



Red (100%)

Green (89%)

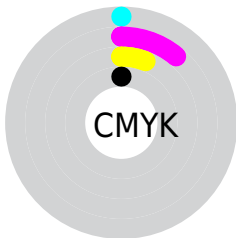
Blue (94%)



Red (100%)

Yellow (89%)

Blue (94%)

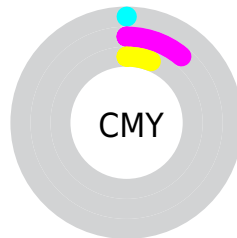


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.9440, 0.3238, 0.3153 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 81.9440, 0.3238, 0.3153 by changing the saturation by 10% instead.


 81.9440, 0.3238,
0.3153

 81.9440, 0.3238,
0.3153

501.4604, 0.3188,
0.3215

 61.3194, 0.3249,
0.3139


136.0955, 0.3221,
0.3174

 44.4830, 0.3263,
0.3123


170.3911, 0.3214,
0.3182

 31.0504, 0.3280,
0.3102


210.0125, 0.3208,
0.3189

 20.6372, 0.3301,
0.3076

255.3441, 0.3203,
0.3196

 12.8591, 0.3330,
0.3040

306.7703, 0.3199,
0.3201

 7.3316, 0.3371,
0.2991

364.6755, 0.3195,

 3.6703, 0.3432,

0.3206

0.2918

429.4440, 0.3191,
0.3211

■ 1.4909, 0.3534,
0.2798

■ 0.2823, 0.4119,
0.2051

■ 81.9440, 0.3238,
0.3153

■ 81.9440, 0.3238,
0.3153

■ 68.3384, 0.3358,
0.3026

■ 97.6759, 0.3139,
0.3274

■ 56.7563, 0.3501,
0.2895

99.9949, 0.3127,
0.3290

■ 47.1028, 0.3672,
0.2766

■ 39.2708, 0.3871,
0.2648

■ 33.1428, 0.4098,
0.2549

■ 28.5872, 0.4347,
0.2484

■ 25.4531, 0.4608,
0.2466

■ 23.5592, 0.4867,
0.2501

■ 22.6813, 0.5080,
0.2572

Harmonies

Analogous

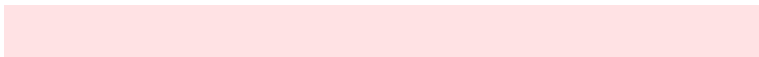
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.9440, 0.3090, 0.3070



81.9440, 0.3238, 0.3153



81.9440, 0.3358, 0.3271

Triad

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



81.9440, 0.3238, 0.3153



81.9440, 0.3298, 0.3546



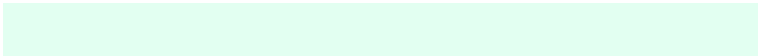
81.9440, 0.2848, 0.3173

Complementary

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



81.9440, 0.3238, 0.3153



94.0269, 0.3029, 0.3431

Split Complementary

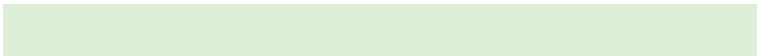
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9440, 0.2901, 0.3303



81.9440, 0.3238, 0.3153



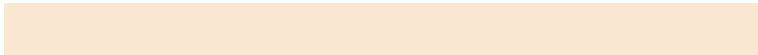
81.9440, 0.3159, 0.3523

Square

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



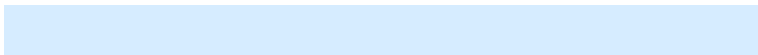
81.9440, 0.3238, 0.3153



81.9440, 0.3392, 0.3498



81.9440, 0.3014, 0.3433



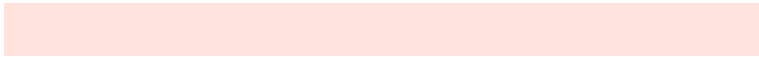
81.9440, 0.2868, 0.3079

Rectangle

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



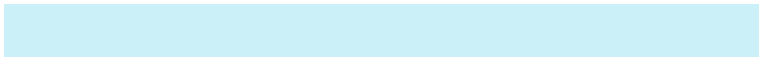
81.9440, 0.3238, 0.3153



81.9440, 0.3404, 0.3356



81.9440, 0.3014, 0.3433



81.9440, 0.2858, 0.3214

Sweetspot

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



81.9476, 0.3238, 0.3153



94.9631, 0.3154, 0.3255



80.3185, 0.3046, 0.3001



20.0450, 0.3162, 0.3245



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

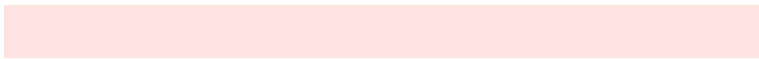
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.9476, 0.3238, 0.3153



78.1650, 0.3267, 0.3120



81.4130, 0.3331, 0.3295



18.1329, 0.3218, 0.3176



11.8842, 0.5042, 0.2551



1.1791, 0.4777, 0.2405

Inverse Universe

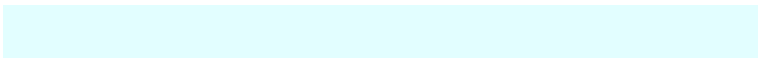
The Inverse Universe completely reimagines the original color for something new.



81.9476, 0.3238, 0.3153



78.1650, 0.3267, 0.3120



94.5855, 0.2952, 0.3285



18.1329, 0.3218, 0.3176



11.8842, 0.5042, 0.2551



1.1791, 0.4777, 0.2405

Previews

White Background



This preview shows how the Yxy color 81.9440, 0.3238, 0.3153 looks on a white background.

Color Contrast Check

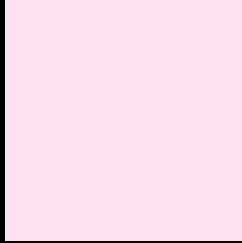
Large Text (above 18pt) WCAG AA × Fail

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 81.9440, 0.3238, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

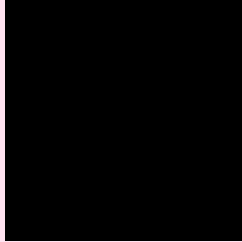
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.9440, 0.3238, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 81.9440, 0.3238, 0.3153.

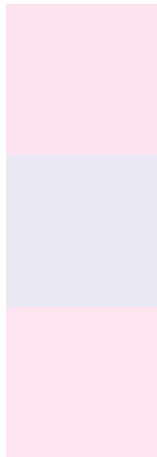


This preview shows how white text looks on a background with the Yxy color 81.9440, 0.3238, 0.3153.

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

81.9440, 0.3238, 0.3153

Protanopia

81.9070, 0.3073, 0.3168

Deuteranopia

82.3003, 0.3230, 0.3162



Tritanopia

82.1238, 0.3218, 0.3123

Trichromacy



Original Color

81.9440, 0.3238, 0.3153

Protanomaly

81.9419, 0.3127, 0.3159

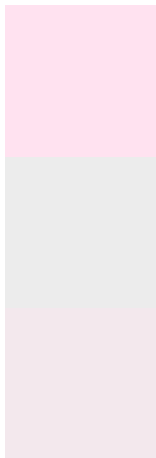
Deuteranomaly

82.3003, 0.3230, 0.3162

Tritanomaly

82.0635, 0.3225, 0.3133

Monochromacy



Original Color

81.9440, 0.3238, 0.3153

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

82.8823, 0.3170, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9440, 0.3238, 0.3153 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 240) }
```

Border

The CSS property to change the border of an element to Yxy 81.9440, 0.3238, 0.3153 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, 240) }
```

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

```
.border{ border-color:rgb(255, 226, 240) }
```

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, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9440, 0.3238, 0.3153 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, 240) }
```

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

```
.background{ background-color: rgb(255,  
226, 240) }
```

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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