

Converting Colors

$Y_{xy}(82.5292, 0.3230, 0.3151)$

Have a look what the booklet for
Yxy(82.5292, 0.3230, 0.3151)
contains.

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Color

Yxy(82.5490, 0.3231, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	FFE3F1
RGB	255, 227, 241
RGB Percent	100%, 89%, 95%
CMY	0.0000, 0.1098, 0.0550
CMYK	0.00, 0.11, 0.06, 0.00
HSL	330°, 100%, 95%
HSV	330°, 11%, 100%
XYZ	84.5911, 82.5490, 94.6708
YIQ	236.9680, 12.1940, 10.2900

Conversions

Conversions Part 2

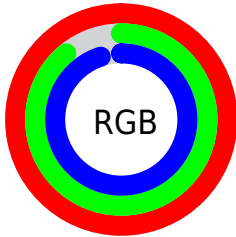
Format	Color
R _Y B	255, 227, 241
Decimal	16770033
CIE Lab	92.82, 11.91, -3.27
CIE LCh	93, 12.353, 344.628
Yxy	82.5490, 0.3231, 0.3153
Android (android.graphics.Color)	4294960113 (0xFFFFE3F1)
YUV	236.9680, 1.9878, 15.8141
Hunter-Lab	90.8565, 7.1920, 1.8204

Details

The Yxy color $82.5490, 0.3231, 0.3153$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $94.2031, 0.3035, 0.3431$, and the grayscale version is $84.6355, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $45.0136, 0.3251, 0.3127$ is the 20% darker color. If you saturate the color by 10%, you get $68.8784, 0.3346, 0.3021$, and if you desaturate by 10%, it is $98.3338, 0.3136, 0.3278$.

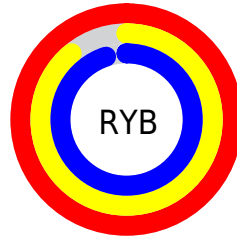
Distribution



Red (100%)

Green (89%)

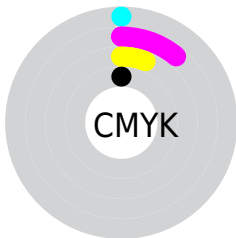
Blue (95%)



Red (100%)

Yellow (89%)

Blue (95%)

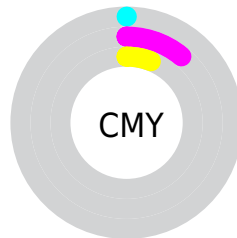


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.5490, 0.3231, 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 82.5490, 0.3231, 0.3153 by changing the saturation by 10% instead.


 82.5490, 0.3231,
0.3153

 82.5490, 0.3231,
0.3153


503.4822, 0.3184,
0.3214

 61.8182, 0.3241,
0.3139


136.9436, 0.3215,
0.3174

 44.8858, 0.3254,
0.3123


171.3762, 0.3209,
0.3182

 31.3675, 0.3270,
0.3102


211.1448, 0.3203,
0.3189

 20.8788, 0.3290,
0.3076

256.6339, 0.3199,
0.3196

 13.0355, 0.3317,
0.3041

308.2277, 0.3194,
0.3201

 7.4530, 0.3355,
0.2992

366.3108, 0.3191,

 3.7470, 0.3411,

0.3206

0.2920

431.2675, 0.3187,
0.3210

■ 1.5330, 0.3505,
0.2801

■ 0.3118, 0.4001,
0.2125

■ 82.5490, 0.3231,
0.3153

■ 82.5490, 0.3231,
0.3153

■ 68.8784, 0.3346,
0.3021

98.3338, 0.3136,
0.3278

■ 57.2381, 0.3484,
0.2886

100.0000, 0.3127,
0.3290

■ 47.5271, 0.3647,
0.2753

■ 39.6389, 0.3838,
0.2630

■ 33.4566, 0.4055,
0.2526

■ 28.8493, 0.4293,
0.2456

■ 25.6671, 0.4543,
0.2432

■ 23.7301, 0.4791,
0.2462

■ 22.7988, 0.5006,
0.2531

Harmonies

Analogous

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



82.5490, 0.3087, 0.3074



82.5490, 0.3231, 0.3153



82.5490, 0.3349, 0.3268

Triad

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



82.5490, 0.3231, 0.3153



82.5490, 0.3297, 0.3539



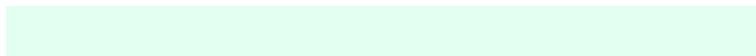
82.5490, 0.2855, 0.3180

Complementary

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



82.5490, 0.3231, 0.3153



94.2031, 0.3035, 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.



82.5490, 0.2909, 0.3307



82.5490, 0.3231, 0.3153



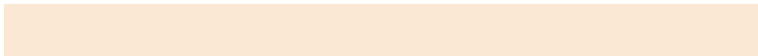
82.5490, 0.3163, 0.3519

Square

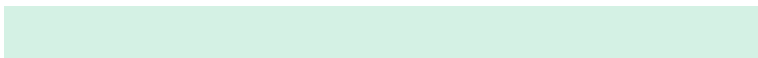
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



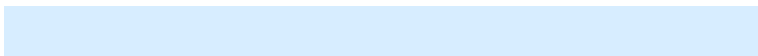
82.5490, 0.3231, 0.3153



82.5490, 0.3388, 0.3491



82.5490, 0.3021, 0.3433



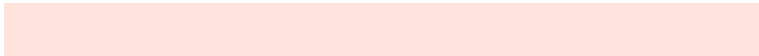
82.5490, 0.2872, 0.3086

Rectangle

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



82.5490, 0.3231, 0.3153



82.5490, 0.3396, 0.3350



82.5490, 0.3021, 0.3433



82.5490, 0.2866, 0.3220

Sweetspot

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



82.5465, 0.3231, 0.3153



94.9714, 0.3153, 0.3254



80.8579, 0.3046, 0.3011



20.0473, 0.3161, 0.3244



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.



82.5465, 0.3231, 0.3153



79.6190, 0.3252, 0.3127



81.7433, 0.3324, 0.3291



18.1383, 0.3216, 0.3172



11.9430, 0.4969, 0.2511



1.1849, 0.4714, 0.2370

Inverse Universe

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



82.5465, 0.3231, 0.3153



79.6190, 0.3252, 0.3127



95.0706, 0.2958, 0.3290



18.1383, 0.3216, 0.3172



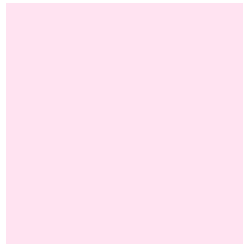
11.9430, 0.4969, 0.2511



1.1849, 0.4714, 0.2370

Previews

White Background



This preview shows how the Yxy color 82.5490, 0.3231, 0.3153 looks on a white background.

Color Contrast Check

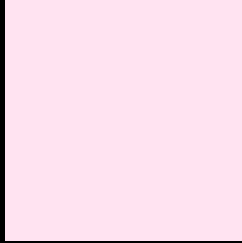
Large Text (above 18pt) WCAG AA × Fail

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 82.5490, 0.3231, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

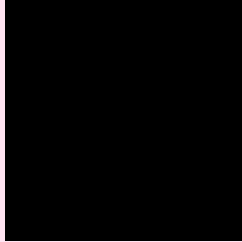
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.5490, 0.3231, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 82.5490, 0.3231, 0.3153.

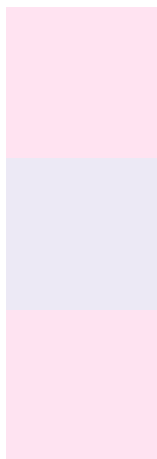


This preview shows how white text looks on a background with the Yxy color 82.5490, 0.3231, 0.3153.

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

82.5490, 0.3231, 0.3153

Protanopia

82.7033, 0.3073, 0.3168

Deuteranopia

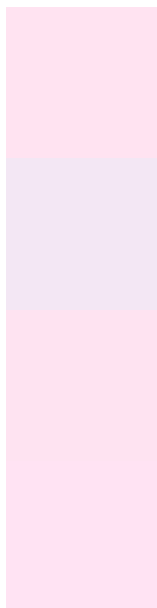
82.3599, 0.3224, 0.3152



Tritanopia

82.7298, 0.3211, 0.3124

Trichromacy



Original Color

82.5490, 0.3231, 0.3153

Protanomaly

82.7382, 0.3127, 0.3160

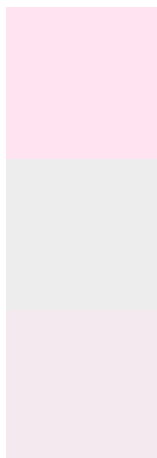
Deuteranomaly

82.3599, 0.3224, 0.3152

Tritanomaly

82.6692, 0.3217, 0.3133

Monochromacy



Original Color

82.5490, 0.3231, 0.3153

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

83.6840, 0.3170, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5490, 0.3231, 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, 227, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 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, 227, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 241) }
```

Border

The CSS property to change the border of an element to Yxy 82.5490, 0.3231, 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, 227, 241) }
```

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

```
.border{ border-color:rgb(255, 227, 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, 227, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5490, 0.3231, 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, 227, 241) }
```

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

```
.background{ background-color: rgb(255,  
227, 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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