

Converting Colors

$Y_{xy}(123.9765, 0.4295, 0.3224)$

Have a look what the booklet for
Yxy(123.9765, 0.4295, 0.3224)
contains.

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Color

Yxy(82.3126, 0.3257, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	FFE3ED
RGB	255, 227, 237
RGB Percent	100%, 89%, 93%
CMY	0.0001, 0.1098, 0.0706
CMYK	0.00, 0.11, 0.07, 0.00
HSL	339°, 100%, 95%
HSV	339°, 11%, 100%
XYZ	83.9888, 82.3126, 91.5702
YIQ	236.5120, 13.4780, 9.0460

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 227, 237
Decimal	16770029
CIE Lab	92.71, 11.22, -1.35
CIE LCh	93, 11.296, 353.153
Yxy	82.3126, 0.3257, 0.3192
Android (android.graphics.Color)	4294960109 (0xFFFFE3ED)
YUV	236.5120, 0.2406, 16.2140
Hunter-Lab	90.7263, 6.4732, 3.6669

Details

The Yxy color $82.3126, 0.3257, 0.3192$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $94.4365, 0.3013, 0.3390$, and the grayscale version is $84.2845, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.8470, 0.3286, 0.3177$ is the 20% darker color. If you saturate the color by 10%, you get $68.4689, 0.3403, 0.3097$, and if you desaturate by 10%, it is $98.3168, 0.3138, 0.3282$.

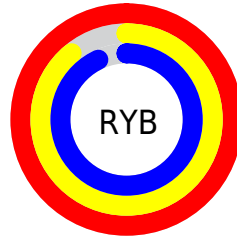
Distribution



Red (100%)

Green (89%)

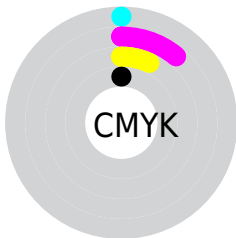
Blue (93%)



Red (100%)

Yellow (89%)

Blue (93%)

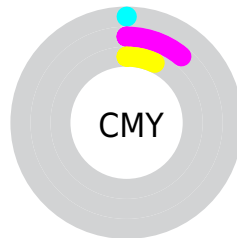


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.3126, 0.3257, 0.3192 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 82.3126, 0.3257, 0.3192 by changing the saturation by 10% instead.

 82.3126, 0.3257,
0.3192

 82.3126, 0.3257,
0.3192

502.6927, 0.3198,
0.3236

 61.6232, 0.3270,
0.3182

136.6123, 0.3237,
0.3207

 44.7283, 0.3286,
0.3170


170.9914, 0.3229,
0.3213

 31.2435, 0.3306,
0.3155


210.7026, 0.3222,
0.3218

 20.7843, 0.3332,
0.3136

256.1301, 0.3216,
0.3223

 12.9665, 0.3367,
0.3110

307.6586, 0.3211,
0.3227

 7.4054, 0.3415,
0.3074

365.6722, 0.3206,

 3.7169, 0.3489,

0.3230

0.3020

430.5555, 0.3202,
0.3233

■ 1.5165, 0.3613,
0.2930

■ 0.3003, 0.4367,
0.2345

■ 82.3126, 0.3257,
0.3192

■ 82.3126, 0.3257,
0.3192

■ 68.4689, 0.3403,
0.3097

■ 98.3168, 0.3138,
0.3282

■ 56.6821, 0.3582,
0.2999

■ 99.9971, 0.3127,
0.3290

■ 46.8562, 0.3797,
0.2903

■ 38.8832, 0.4052,
0.2816

■ 32.6447, 0.4346,
0.2746

■ 28.0084, 0.4671,
0.2708

■ 24.8226, 0.5010,
0.2713

■ 22.9058, 0.5337,
0.2770

■ 22.0109, 0.5601,
0.2859

Harmonies

Analogous

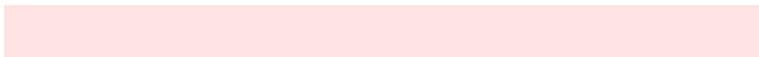
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3126, 0.3128, 0.3108



82.3126, 0.3257, 0.3192



82.3126, 0.3352, 0.3302

Triad

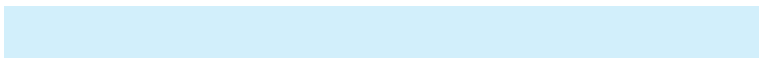
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.3126, 0.3257, 0.3192



82.3126, 0.3251, 0.3519



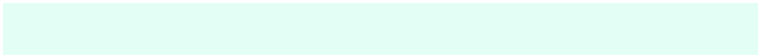
82.3126, 0.2876, 0.3161

Complementary

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



82.3126, 0.3257, 0.3192



94.4365, 0.3013, 0.3390

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.



82.3126, 0.2907, 0.3271



82.3126, 0.3257, 0.3192



82.3126, 0.3122, 0.3482

Square

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



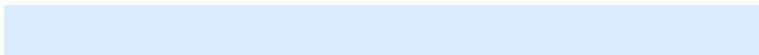
82.3126, 0.3257, 0.3192



82.3126, 0.3348, 0.3492



82.3126, 0.2997, 0.3391



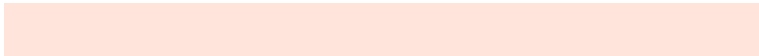
82.3126, 0.2910, 0.3088

Rectangle

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



82.3126, 0.3257, 0.3192



82.3126, 0.3382, 0.3377



82.3126, 0.2997, 0.3391



82.3126, 0.2879, 0.3195

Sweetspot

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



82.3162, 0.3257, 0.3192



94.9028, 0.3160, 0.3264



81.5282, 0.3071, 0.3013



20.0288, 0.3169, 0.3257



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

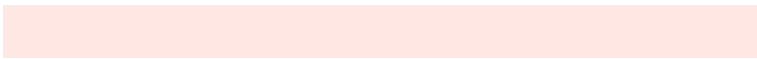
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3162, 0.3257, 0.3192



79.3444, 0.3284, 0.3173



83.8119, 0.3319, 0.3328



18.0941, 0.3238, 0.3206



11.5285, 0.5558, 0.2835



1.1424, 0.5244, 0.2662

Inverse Universe

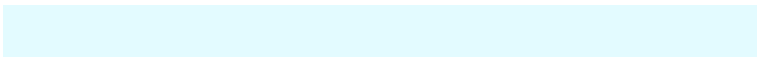
The Inverse Universe completely reimagines the original color for something new.



82.3162, 0.3257, 0.3192



79.3444, 0.3284, 0.3173



92.7059, 0.2958, 0.3252



18.0941, 0.3238, 0.3206



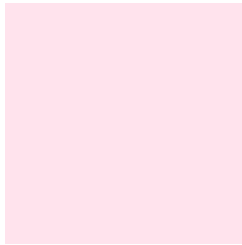
11.5285, 0.5558, 0.2835



1.1424, 0.5244, 0.2662

Previews

White Background



This preview shows how the Yxy color 82.3126, 0.3257, 0.3192 looks on a white background.

Color Contrast Check

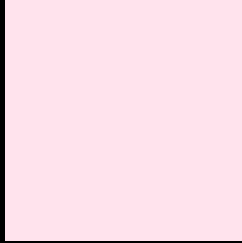
Large Text (above 18pt) WCAG AA × Fail

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 82.3126, 0.3257, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

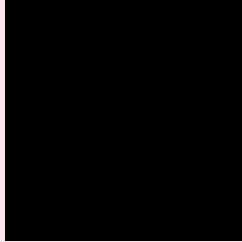
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.3126, 0.3257, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 82.3126, 0.3257, 0.3192.

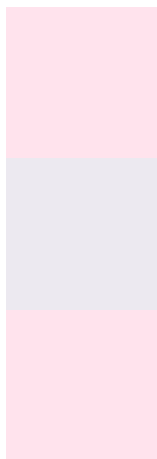


This preview shows how white text looks on a background with the Yxy color 82.3126, 0.3257, 0.3192.

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

82.3126, 0.3257, 0.3192

Protanopia

82.4020, 0.3104, 0.3219

Deuteranopia

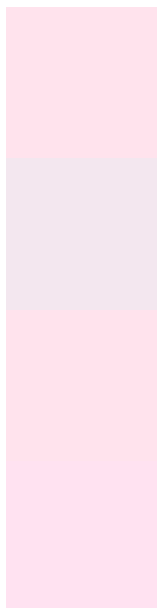
82.3126, 0.3257, 0.3192



Tritanopia

82.1238, 0.3218, 0.3123

Trichromacy



Original Color

82.3126, 0.3257, 0.3192

Protanomaly

82.4385, 0.3158, 0.3210

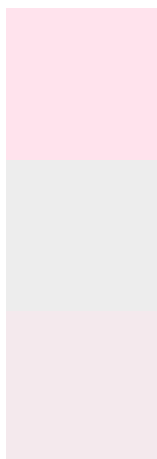
Deuteranomaly

82.3126, 0.3257, 0.3192

Tritanomaly

82.0036, 0.3231, 0.3143

Monochromacy



Original Color

82.3126, 0.3257, 0.3192

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

83.6253, 0.3176, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3126, 0.3257, 0.3192 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 237) }
```

Border

The CSS property to change the border of an element to Yxy 82.3126, 0.3257, 0.3192 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, 237) }
```

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

```
.border{ border-color:rgb(255, 227, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3126, 0.3257, 0.3192 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, 237) }
```

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

```
.background{ background-color: rgb(255,  
227, 237) }
```

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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