

Converting Colors

$Yxy(82.6536, 0.3199, 0.3148)$

Have a look what the booklet for
Yxy(82.6536, 0.3199, 0.3148)
contains.

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Color

Yxy(82.5931, 0.3202, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	FCE4F2
RGB	252, 228, 242
RGB Percent	99%, 89%, 95%
CMY	0.0120, 0.1058, 0.0509
CMYK	0.00, 0.09, 0.04, 0.01
HSL	325°, 80%, 94%
HSV	325°, 9%, 99%
XYZ	83.9033, 82.5931, 95.5376
YIQ	236.7720, 9.8100, 9.4420

Conversions

Conversions Part 2

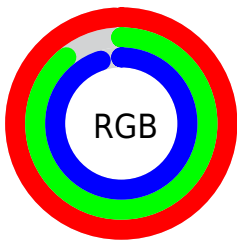
Format	Color
R _Y B	252, 228, 242
Decimal	16573682
CIE Lab	92.84, 10.52, -3.82
CIE LCh	93, 11.194, 340.035
Yxy	82.5931, 0.3202, 0.3152
Android (android.graphics.Color)	4294763762 (0xFFFC E4F2)
YUV	236.7720, 2.5774, 13.3550
Hunter-Lab	90.8807, 5.7541, 1.2884

Details

The Yxy color **82.5931, 0.3202, 0.3152** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **92.2566, 0.3059, 0.3432**, and the grayscale version is **84.4767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.0344, 0.3215, 0.3126** is the 20% darker color. If you saturate the color by 10%, you get **69.1174, 0.3296, 0.3000**, and if you desaturate by 10%, it is **98.1319, 0.3124, 0.3297**.

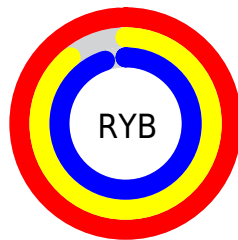
Distribution



Red (99%)

Green (89%)

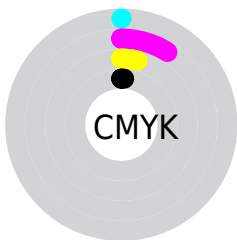
Blue (95%)



Red (99%)

Yellow (89%)

Blue (95%)

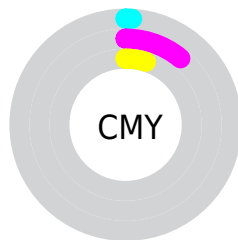


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (1%)



Cyan (1%)


Magenta (11%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.5931, 0.3202, 0.3152 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 82.5931, 0.3202, 0.3152 by changing the saturation by 10% instead.


 82.5931, 0.3202,
0.3152

 82.5931, 0.3202,
0.3152


503.6294, 0.3169,
0.3214

 61.8545, 0.3209,
0.3138


137.0054, 0.3191,
0.3173

 44.9152, 0.3218,
0.3122


171.4480, 0.3186,
0.3181

 31.3906, 0.3230,
0.3101


211.2273, 0.3182,
0.3189

 20.8965, 0.3244,
0.3074

256.7278, 0.3179,
0.3195

 13.0483, 0.3263,
0.3039

308.3339, 0.3176,
0.3200

 7.4618, 0.3290,
0.2990

366.4299, 0.3173,

 3.7526, 0.3330,

0.3205

0.2918

431.4003, 0.3171,
0.3210

■ 1.5361, 0.3395,
0.2799

■ 0.3140, 0.3756,
0.2124

■ 82.5931, 0.3202,
0.3152

■ 82.5931, 0.3202,
0.3152

■ 69.1174, 0.3296,
0.3000

■ 98.1319, 0.3124,
0.3297

■ 57.6066, 0.3408,
0.2843

■ 99.4259, 0.3108,
0.3290

■ 47.9701, 0.3538,
0.2688

■ 40.1064, 0.3689,
0.2543

■ 33.9041, 0.3859,
0.2416

■ 29.2390, 0.4045,
0.2322

■ 25.9693, 0.4240,
0.2271

■ 23.9266, 0.4436,
0.2272

■ 22.8486, 0.4626,
0.2324

Harmonies

Analogous

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



82.5931, 0.3071, 0.3087



82.5931, 0.3202, 0.3152



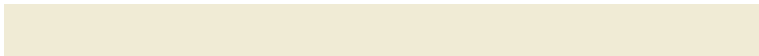
82.5931, 0.3315, 0.3253

Triad

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



82.5931, 0.3202, 0.3152



82.5931, 0.3297, 0.3513



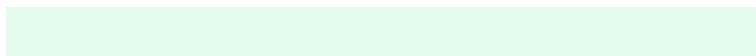
82.5931, 0.2884, 0.3207

Complementary

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



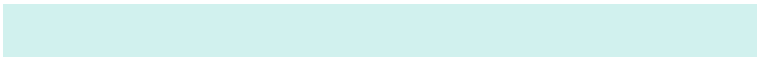
82.5931, 0.3202, 0.3152



92.2566, 0.3059, 0.3432

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.



82.5931, 0.2942, 0.3324



82.5931, 0.3202, 0.3152



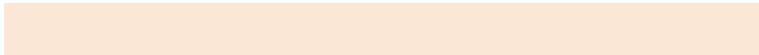
82.5931, 0.3180, 0.3504

Square

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



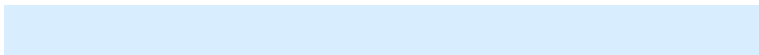
82.5931, 0.3202, 0.3152



82.5931, 0.3370, 0.3461



82.5931, 0.3050, 0.3435



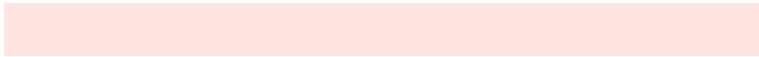
82.5931, 0.2889, 0.3115

Rectangle

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



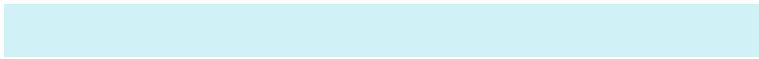
82.5931, 0.3202, 0.3152



82.5931, 0.3363, 0.3328



82.5931, 0.3050, 0.3435



82.5931, 0.2897, 0.3245

Sweetspot

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



82.5967, 0.3202, 0.3152



95.0130, 0.3149, 0.3247



80.6306, 0.3042, 0.3049



20.0585, 0.3156, 0.3236



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

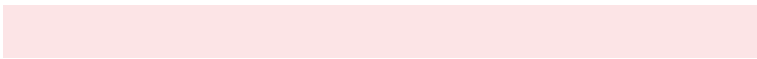
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5967, 0.3202, 0.3152



82.6636, 0.3215, 0.3129



81.9213, 0.3278, 0.3267



17.3956, 0.3202, 0.3152



11.9146, 0.4605, 0.2310



1.1246, 0.4392, 0.2193

Inverse Universe

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



82.5967, 0.3202, 0.3152



82.6636, 0.3215, 0.3129



92.9607, 0.2994, 0.3314



17.3956, 0.3202, 0.3152



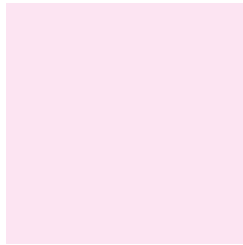
11.9146, 0.4605, 0.2310



1.1246, 0.4392, 0.2193

Previews

White Background



This preview shows how the Yxy color 82.5931, 0.3202, 0.3152 looks on a white background.

Color Contrast Check

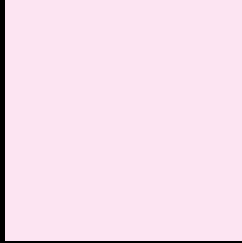
Large Text (above 18pt) WCAG AA × Fail

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 82.5931, 0.3202, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

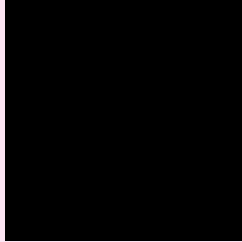
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.5931, 0.3202, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 82.5931, 0.3202, 0.3152.



This preview shows how white text looks on a background with the Yxy color 82.5931, 0.3202, 0.3152.

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

82.5931, 0.3202, 0.3152

Protanopia

82.7033, 0.3073, 0.3168

Deuteranopia

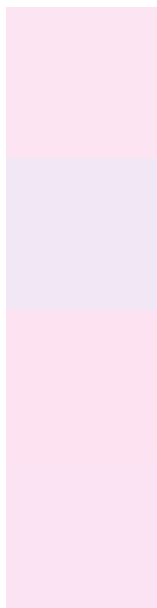
82.4198, 0.3217, 0.3143



Tritanopia

82.2262, 0.3184, 0.3113

Trichromacy



Original Color

82.5931, 0.3202, 0.3152

Protanomaly

82.5607, 0.3120, 0.3159

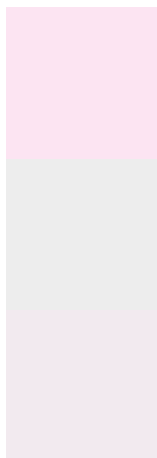
Deuteranomaly

82.2316, 0.3210, 0.3142

Tritanomaly

82.1653, 0.3190, 0.3123

Monochromacy



Original Color

82.5931, 0.3202, 0.3152

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

83.9549, 0.3150, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5931, 0.3202, 0.3152 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(252, 228, 242)` looks like.

```
.text, #text, p{  
    color:rgb(252, 228, 242)  
}
```

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(252, 228, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 228, 242) }
```

Border

The CSS property to change the border of an element to Yxy 82.5931, 0.3202, 0.3152 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(252, 228, 242) }
```

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

```
.border{ border-color:rgb(252, 228, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 228, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 228, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 228, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 228,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5931, 0.3202, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 228, 242) }
```

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

```
.background{ background-color: rgb(252,  
228, 242) }
```

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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