

Converting Colors

$Yxy(92.7928, 0.3173, 0.3283)$

Have a look what the booklet for
Yxy(92.7928, 0.3173, 0.3283)
contains.

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Color

Yxy(92.8413, 0.3173, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	FDF5F6
RGB	253, 245, 246
RGB Percent	99%, 96%, 96%
CMY	0.0076, 0.0393, 0.0352
CMYK	0.00, 0.03, 0.03, 0.01
HSL	352°, 67%, 98%
HSV	352°, 3%, 99%
XYZ	89.8126, 92.8413, 100.3988
YIQ	247.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

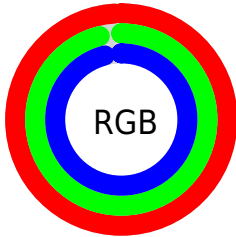
Format	Color
R _Y B	253, 245, 246
Decimal	16643574
CIE Lab	97.16, 2.88, 0.44
CIE LCh	97, 2.910, 8.791
Yxy	92.8413, 0.3173, 0.3280
Android (android.graphics.Color)	4294833654 (0xFFFD5F6)
YUV	247.5060, -0.7425, 4.8182
Hunter-Lab	96.3542, -2.2383, 5.6691

Details

The Yxy color 92.8413, 0.3173, 0.3280 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.7234, 0.3083, 0.3300, and the grayscale version is 93.4579, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.8487, 0.3177, 0.3278 is the 20% darker color. If you saturate the color by 10%, you get 77.2939, 0.3339, 0.3247, and if you desaturate by 10%, it is 99.6327, 0.3115, 0.3290.

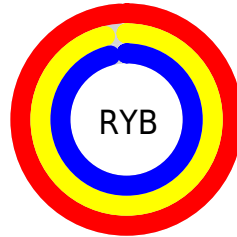
Distribution



Red (99%)

Green (96%)

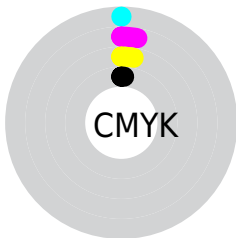
Blue (96%)



Red (99%)

Yellow (96%)

Blue (96%)

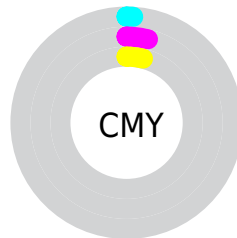


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (1%)



Cyan (1%)


Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.8413, 0.3173, 0.3280 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 92.8413, 0.3173, 0.3280 by changing the saturation by 10% instead.


 92.8413, 0.3173,
0.3280

 92.8413, 0.3173,
0.3280


537.2308, 0.3153,
0.3285

 70.3396, 0.3177,
0.3279

151.2789, 0.3166,
0.3282

 51.8034, 0.3183,
0.3278


187.9835, 0.3163,
0.3282

 36.8484, 0.3190,
0.3276

230.1913, 0.3161,
0.3283

 25.0902, 0.3198,
0.3274

278.2866, 0.3159,
0.3283

 16.1442, 0.3209,
0.3272

332.6538, 0.3157,
0.3284

 9.6263, 0.3225,
0.3268

393.6773, 0.3156,

 5.1519, 0.3247,

0.3284

0.3263

461.7415, 0.3154,
0.3284

■ 2.3367, 0.3284,
0.3255

■ 0.7930, 0.3364,
0.3238

■ 92.8413, 0.3173,
0.3280

■ 92.8413, 0.3173,
0.3280

■ 77.2939, 0.3339,
0.3247

99.6327, 0.3115,
0.3290

■ 63.9068, 0.3547,
0.3212

■ 52.5878, 0.3804,
0.3177

■ 43.2338, 0.4118,
0.3144

■ 35.7324, 0.4491,
0.3116

■ 29.9601, 0.4916,
0.3101

■ 25.7783, 0.5362,
0.3106

■ 23.0270, 0.5781,
0.3134

■ 21.5124, 0.6111,
0.3186

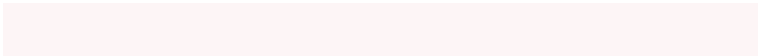
Harmonies

Analogous

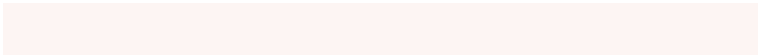
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8413, 0.3145, 0.3254



92.8413, 0.3173, 0.3280



92.8413, 0.3189, 0.3309

Triad

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



92.8413, 0.3173, 0.3280



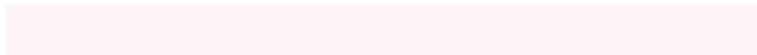
92.8413, 0.3142, 0.3343



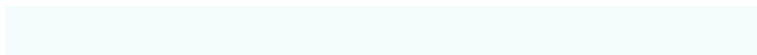
92.8413, 0.3067, 0.3248

Complementary

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



92.8413, 0.3173, 0.3280



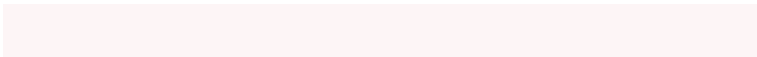
96.7234, 0.3083, 0.3300

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.



92.8413, 0.3066, 0.3271



92.8413, 0.3173, 0.3280



92.8413, 0.3109, 0.3327

Square

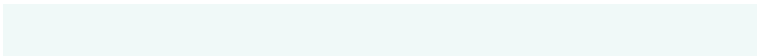
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



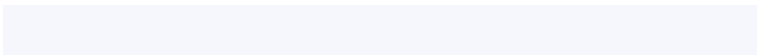
92.8413, 0.3173, 0.3280



92.8413, 0.3171, 0.3345



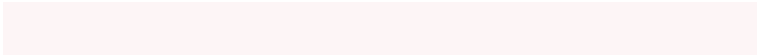
92.8413, 0.3082, 0.3300



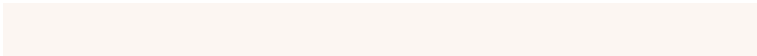
92.8413, 0.3084, 0.3235

Rectangle

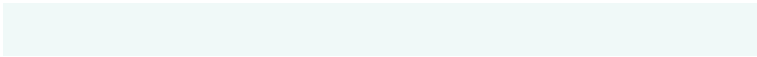
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.8413, 0.3173, 0.3280



92.8413, 0.3190, 0.3326



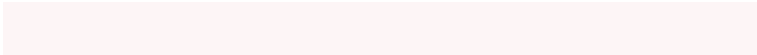
92.8413, 0.3082, 0.3300



92.8413, 0.3065, 0.3254

Sweetspot

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



92.8453, 0.3173, 0.3280



98.2416, 0.3141, 0.3287



93.0835, 0.3124, 0.3212



21.0463, 0.3140, 0.3287



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.



92.8453, 0.3173, 0.3280



93.1051, 0.3185, 0.3277



94.5853, 0.3177, 0.3319



19.6596, 0.3197, 0.3275



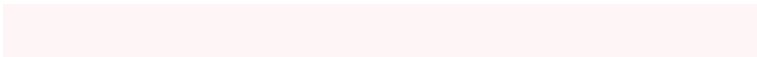
11.1779, 0.6239, 0.3210



1.0997, 0.5988, 0.3072

Inverse Universe

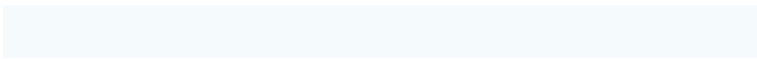
The Inverse Universe completely reimagines the original color for something new.



92.8453, 0.3173, 0.3280



93.1051, 0.3185, 0.3277



94.9361, 0.3078, 0.3261



19.6596, 0.3197, 0.3275



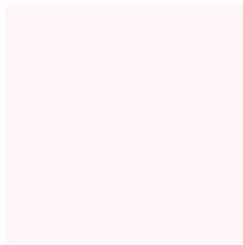
11.1779, 0.6239, 0.3210



1.0997, 0.5988, 0.3072

Previews

White Background



This preview shows how the Yxy color 92.8413, 0.3173, 0.3280 looks on a white background.

Color Contrast Check

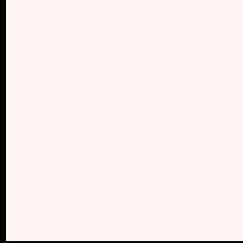
Large Text (above 18pt) WCAG AA × Fail

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 92.8413, 0.3173, 0.3280 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

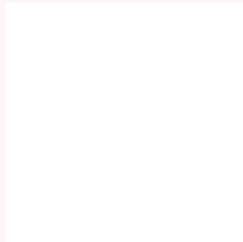
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.8413, 0.3173, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 92.8413, 0.3173, 0.3280.



This preview shows how white text looks on a background with the Yxy color 92.8413, 0.3173, 0.3280.

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

92.8413, 0.3173, 0.3280

Protanopia

93.0746, 0.3159, 0.3290

Deuteranopia

92.6768, 0.3180, 0.3261



Tritanopia

93.2203, 0.3112, 0.3194

Trichromacy



Original Color

92.8413, 0.3173, 0.3280

Protanomaly

93.2608, 0.3166, 0.3290

Deuteranomaly

92.4876, 0.3174, 0.3261

Tritanomaly

93.0285, 0.3130, 0.3222

Monochromacy



Original Color

92.8413, 0.3173, 0.3280

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.5609, 0.3146, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8413, 0.3173, 0.3280 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(253, 245, 246)` looks like.

```
.text, #text, p{  
    color:rgb(253, 245, 246)  
}
```

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(253, 245, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 245, 246) }
```

Border

The CSS property to change the border of an element to Yxy 92.8413, 0.3173, 0.3280 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(253, 245, 246) }
```

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

```
.border{ border-color:rgb(253, 245, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 245, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 245, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 245, 246);  
box-shadow:4px 4px 4px 4px rgb(253, 245,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8413, 0.3173, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 245, 246) }
```

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

```
.background{ background-color: rgb(253,  
245, 246) }
```

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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