

Converting Colors

$Yxy(95.4933, 0.3285, 0.3264)$

Have a look what the booklet for
Yxy(95.4933, 0.3285, 0.3264)
contains.

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Color

Yxy(92.6768, 0.3180, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4F7
RGB	255, 244, 247
RGB Percent	100%, 96%, 97%
CMY	0.0001, 0.0431, 0.0312
CMYK	0.00, 0.04, 0.03, 0.00
HSL	343°, 99%, 98%
HSV	343°, 4%, 100%
XYZ	90.3748, 92.6768, 101.1459
YIQ	247.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 244, 247
Decimal	16774391
CIE _{Lab}	97.10, 4.19, -0.15
CIE _{LCh}	97, 4.188, 357.916
Yxy	92.6768, 0.3180, 0.3261
Android (android.graphics.Color)	4294964471 (0xFFFFF4F7)
YUV	247.6310, -0.3111, 6.4626
Hunter-Lab	96.2688, -0.8989, 5.0944

Details

The Yxy color 92.6768, 0.3180, 0.3261 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.7622, 0.3077, 0.3319, and the grayscale version is 93.5528, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.7338, 0.3187, 0.3253 is the 20% darker color. If you saturate the color by 10%, you get 77.2978, 0.3323, 0.3190, and if you desaturate by 10%, it is 99.9946, 0.3127, 0.3290.

Distribution



Red (100%)

Green (96%)

Blue (97%)



Red (100%)

Yellow (96%)

Blue (97%)



Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6768, 0.3180, 0.3261 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 92.6768, 0.3180, 0.3261 by changing the saturation by 10% instead.


 92.6768, 0.3180,
0.3261

 92.6768, 0.3180,
0.3261

536.7004, 0.3157,
0.3274

 70.2029, 0.3185,
0.3258


151.0511, 0.3172,
0.3265

 51.6920, 0.3191,
0.3255


187.7202, 0.3169,
0.3267

 36.7596, 0.3199,
0.3250


229.8899, 0.3166,
0.3269

 25.0214, 0.3209,
0.3245

277.9446, 0.3164,
0.3270

 16.0930, 0.3222,
0.3238

332.2686, 0.3162,
0.3271

 9.5900, 0.3240,
0.3228

393.2463, 0.3160,

 5.1280, 0.3266,

0.3272

0.3214

461.2621, 0.3158,
0.3273

■ 2.3225, 0.3307,
0.3191

■ 0.7856, 0.3395,
0.3142

■ 92.6768, 0.3180,
0.3261

■ 92.6768, 0.3180,
0.3261

■ 77.2978, 0.3323,
0.3190

99.9946, 0.3127,
0.3290

■ 64.0603, 0.3499,
0.3116

■ 52.8723, 0.3715,
0.3040

■ 43.6307, 0.3976,
0.2967

■ 36.2230, 0.4285,
0.2905

■ 30.5254, 0.4636,
0.2863

■ 26.3984, 0.5016,
0.2854

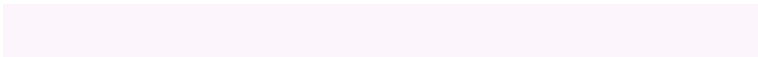
■ 23.6806, 0.5394,
0.2886

■ 22.1744, 0.5731,
0.2964

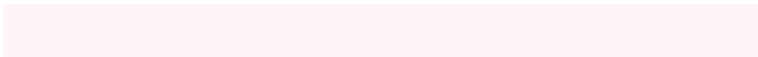
Harmonies

Analogous

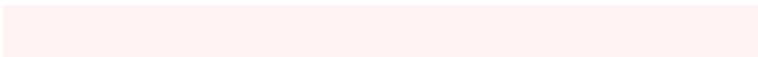
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6768, 0.3136, 0.3228



92.6768, 0.3180, 0.3261



92.6768, 0.3210, 0.3302

Triad

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



92.6768, 0.3180, 0.3261



92.6768, 0.3165, 0.3370



92.6768, 0.3037, 0.3240

Complementary

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



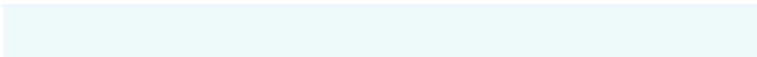
92.6768, 0.3180, 0.3261



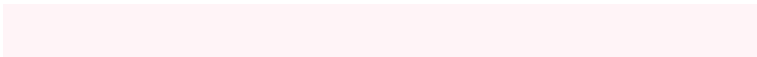
97.7622, 0.3077, 0.3319

Split Complementary

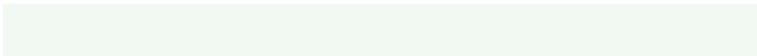
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.6768, 0.3045, 0.3278



92.6768, 0.3180, 0.3261



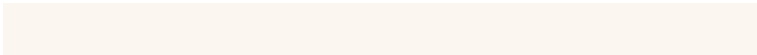
92.6768, 0.3118, 0.3354

Square

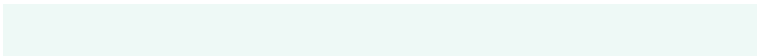
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



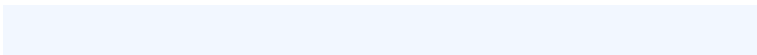
92.6768, 0.3180, 0.3261



92.6768, 0.3202, 0.3365



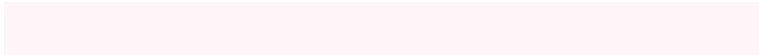
92.6768, 0.3075, 0.3320



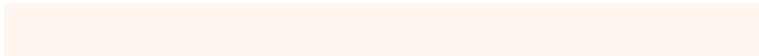
92.6768, 0.3053, 0.3215

Rectangle

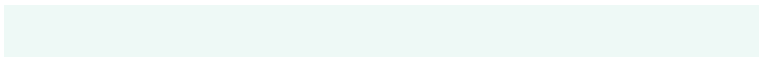
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



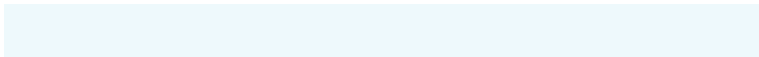
92.6768, 0.3180, 0.3261



92.6768, 0.3218, 0.3328



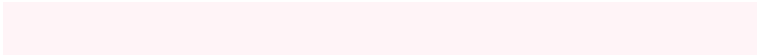
92.6768, 0.3075, 0.3320



92.6768, 0.3037, 0.3251

Sweetspot

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



92.6808, 0.3180, 0.3261



98.2654, 0.3139, 0.3283



92.5975, 0.3112, 0.3184



21.0511, 0.3138, 0.3284



0.0000, 0.0000, 0.0000



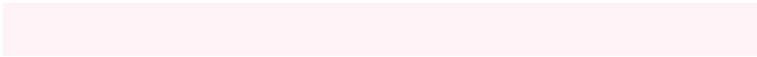
21.4041, 0.3127, 0.3290

Same Dimension

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



92.6808, 0.3180, 0.3261



91.5525, 0.3189, 0.3256



93.9341, 0.3197, 0.3313



19.3515, 0.3198, 0.3251



11.3632, 0.5853, 0.2998



1.1239, 0.5534, 0.2822

Inverse Universe

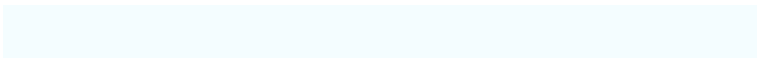
The Inverse Universe completely reimagines the original color for something new.



92.6808, 0.3180, 0.3261



91.5525, 0.3189, 0.3256



96.4498, 0.3060, 0.3267



19.3515, 0.3198, 0.3251



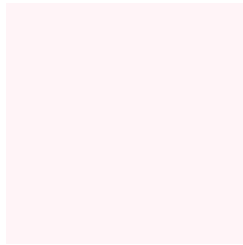
11.3632, 0.5853, 0.2998



1.1239, 0.5534, 0.2822

Previews

White Background



This preview shows how the Yxy color 92.6768, 0.3180, 0.3261 looks on a white background.

Color Contrast Check

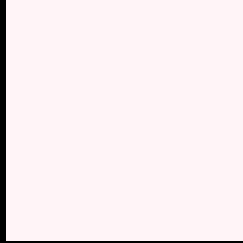
Large Text (above 18pt) WCAG AA × Fail

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 92.6768, 0.3180, 0.3261 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 92.6768, 0.3180, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 92.6768, 0.3180, 0.3261.

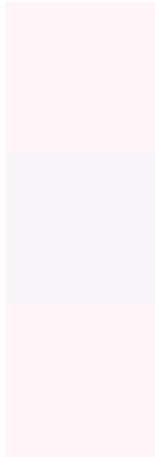


This preview shows how white text looks on a background with the Yxy color 92.6768, 0.3180, 0.3261.

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

92.6768, 0.3180, 0.3261

Protanopia

92.4061, 0.3141, 0.3261

Deuteranopia

92.6768, 0.3180, 0.3261



Tritanopia

92.8040, 0.3119, 0.3184

Trichromacy



Original Color

92.6768, 0.3180, 0.3261

Protanomaly

92.7776, 0.3154, 0.3261

Deuteranomaly

92.6768, 0.3180, 0.3261

Tritanomaly

92.8005, 0.3144, 0.3213

Monochromacy



Original Color

92.6768, 0.3180, 0.3261



Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.8081, 0.3147, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6768, 0.3180, 0.3261 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, 244, 247) looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 247)  
}
```

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, 244, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 247) }
```

Border

The CSS property to change the border of an element to Yxy 92.6768, 0.3180, 0.3261 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, 244, 247) }
```

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

```
.border{ border-color:rgb(255, 244, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6768, 0.3180, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 247) }
```

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

```
.background{ background-color: rgb(255,  
244, 247) }
```

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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