

Converting Colors

$Y_{xy}(90.1613, 0.3179, 0.3213)$

Have a look what the booklet for
Yxy(90.1613, 0.3179, 0.3213)
contains.

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Color

Yxy(90.3575, 0.3177, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0F8
RGB	255, 240, 248
RGB Percent	100%, 94%, 97%
CMY	0.0000, 0.0588, 0.0275
CMYK	0.00, 0.06, 0.03, 0.00
HSL	328°, 100%, 97%
HSV	328°, 6%, 100%
XYZ	89.3451, 90.3575, 101.5221
YIQ	245.3970, 6.3720, 5.6680

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 240, 248
Decimal	16773368
CIE Lab	96.14, 6.41, -2.03
CIE LCh	96, 6.727, 342.397
Yxy	90.3575, 0.3177, 0.3213
Android (android.graphics.Color)	4294963448 (0xFFFFF0F8)
YUV	245.3970, 1.2833, 8.4218
Hunter-Lab	95.0566, 1.4258, 3.2168

Details

The Yxy color 90.3575, 0.3177, 0.3213 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.7626, 0.3080, 0.3368, and the grayscale version is 91.6315, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.0925, 0.3182, 0.3192 is the 20% darker color. If you saturate the color by 10%, you get 75.6671, 0.3275, 0.3076, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

Distribution



Red (100%)

Green (94%)

Blue (97%)



Red (100%)

Yellow (94%)

Blue (97%)



Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.3575, 0.3177, 0.3213 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 90.3575, 0.3177, 0.3213 by changing the saturation by 10% instead.


 90.3575, 0.3177,
0.3213

 90.3575, 0.3177,
0.3213


529.1931, 0.3155,
0.3247

 68.2772, 0.3182,
0.3206

147.8349, 0.3170,
0.3225

 50.1233, 0.3188,
0.3196


184.0007, 0.3167,
0.3229

 35.5114, 0.3195,
0.3185


225.6306, 0.3164,
0.3233

 24.0570, 0.3204,
0.3171

273.1088, 0.3162,
0.3237

 15.3759, 0.3216,
0.3152

326.8197, 0.3160,
0.3240

 9.0837, 0.3233,
0.3126

387.1478, 0.3158,

 4.7958, 0.3258,

0.3242

0.3089

454.4775, 0.3156,
0.3245

■ 2.1279, 0.3297,
0.3029

■ 0.6803, 0.3394,
0.2875

■ 90.3575, 0.3177,
0.3213

■ 90.3575, 0.3177,
0.3213

■ 75.6671, 0.3275,
0.3076

100.0000, 0.3127,
0.3290

■ 63.0445, 0.3393,
0.2934

■ 52.3959, 0.3533,
0.2791

■ 43.6194, 0.3697,
0.2653

■ 36.6039, 0.3885,
0.2530

■ 31.2264, 0.4094,
0.2434

■ 27.3478, 0.4319,
0.2378

■ 24.8056, 0.4549,
0.2372

■ 23.3985, 0.4773,
0.2421

Harmonies

Analogous

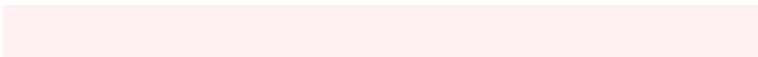
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.3575, 0.3101, 0.3172



90.3575, 0.3177, 0.3213



90.3575, 0.3240, 0.3274

Triad

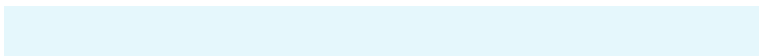
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.3575, 0.3177, 0.3213



90.3575, 0.3222, 0.3421



90.3575, 0.2983, 0.3238

Complementary

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



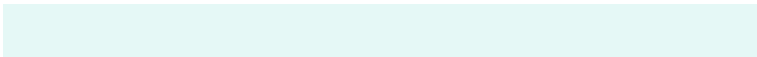
90.3575, 0.3177, 0.3213



96.7626, 0.3080, 0.3368

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.



90.3575, 0.3015, 0.3305



90.3575, 0.3177, 0.3213



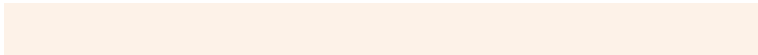
90.3575, 0.3152, 0.3412

Square

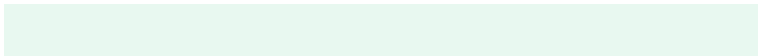
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



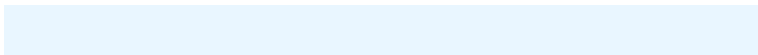
90.3575, 0.3177, 0.3213



90.3575, 0.3267, 0.3394



90.3575, 0.3077, 0.3369



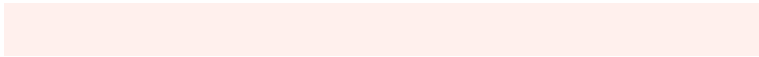
90.3575, 0.2990, 0.3185

Rectangle

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



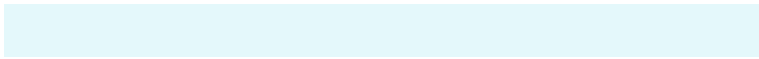
90.3575, 0.3177, 0.3213



90.3575, 0.3267, 0.3318



90.3575, 0.3077, 0.3369



90.3575, 0.2990, 0.3259

Sweetspot

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



90.3582, 0.3177, 0.3213



96.6363, 0.3143, 0.3264



89.3165, 0.3082, 0.3144



20.7194, 0.3143, 0.3265



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.



90.3582, 0.3177, 0.3213



88.6088, 0.3187, 0.3198



89.9032, 0.3223, 0.3285



18.7663, 0.3193, 0.3190



12.0630, 0.4829, 0.2434



1.1966, 0.4593, 0.2304

Inverse Universe

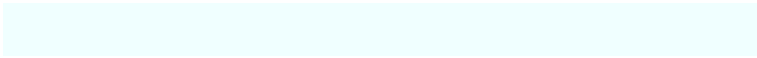
The Inverse Universe completely reimagines the original color for something new.



90.3582, 0.3177, 0.3213



88.6088, 0.3187, 0.3198



97.2337, 0.3038, 0.3295



18.7663, 0.3193, 0.3190



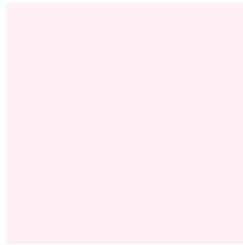
12.0630, 0.4829, 0.2434



1.1966, 0.4593, 0.2304

Previews

White Background



This preview shows how the Yxy color 90.3575, 0.3177, 0.3213 looks on a white background.

Color Contrast Check

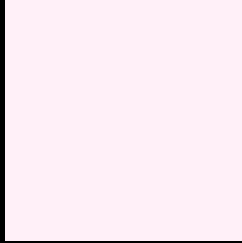
Large Text (above 18pt) WCAG AA × Fail

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 90.3575, 0.3177, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

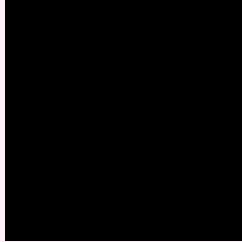
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.3575, 0.3177, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 90.3575, 0.3177, 0.3213.

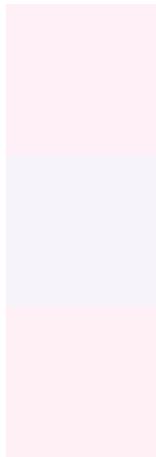


This preview shows how white text looks on a background with the Yxy color 90.3575, 0.3177, 0.3213.

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

90.3575, 0.3177, 0.3213

Protanopia

90.7775, 0.3111, 0.3222

Deuteranopia

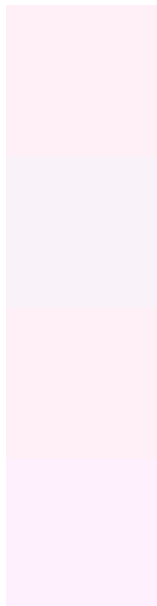
90.2340, 0.3189, 0.3232



Tritanopia

90.6110, 0.3127, 0.3146

Trichromacy



Original Color

90.3575, 0.3177, 0.3213

Protanomaly

90.6678, 0.3137, 0.3222

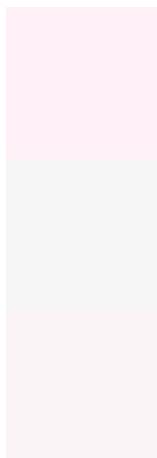
Deuteranomaly

90.2956, 0.3183, 0.3222

Tritanomaly

90.4193, 0.3146, 0.3174

Monochromacy



Original Color

90.3575, 0.3177, 0.3213

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

90.8947, 0.3148, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.3575, 0.3177, 0.3213 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, 240, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 248)  
}
```

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, 240, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 248) }
```

Border

The CSS property to change the border of an element to Yxy 90.3575, 0.3177, 0.3213 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, 240, 248) }
```

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

```
.border{ border-color:rgb(255, 240, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 90.3575, 0.3177, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 248) }
```

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

```
.background{ background-color: rgb(255,  
240, 248) }
```

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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