

Converting Colors

$Y_{xy}(91.1700, 0.3183, 0.3238)$

Have a look what the booklet for
Yxy(91.1700, 0.3183, 0.3238)
contains.

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Color

Yxy(90.8860, 0.3182, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1F7
RGB	255, 241, 247
RGB Percent	100%, 95%, 97%
CMY	0.0001, 0.0549, 0.0313
CMYK	0.00, 0.05, 0.03, 0.00
HSL	334°, 100%, 97%
HSV	334°, 5%, 100%
XYZ	89.4800, 90.8860, 100.8407
YIQ	245.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

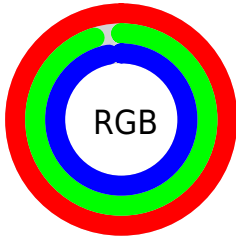
Format	Color
R _Y B	255, 241, 247
Decimal	16773623
CIE Lab	96.36, 5.72, -1.22
CIE LCh	96, 5.846, 347.955
Yxy	90.8860, 0.3182, 0.3232
Android (android.graphics.Color)	4294963703 (0xFFFFF1F7)
YUV	245.8700, 0.5571, 8.0070
Hunter-Lab	95.3341, 0.7041, 4.0193

Details

The Yxy color 90.8860, 0.3182, 0.3232 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.0455, 0.3075, 0.3349, and the grayscale version is 92.0413, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.4653, 0.3189, 0.3216 is the 20% darker color. If you saturate the color by 10%, you get 75.9735, 0.3299, 0.3121, and if you desaturate by 10%, it is 99.9957, 0.3127, 0.3290.

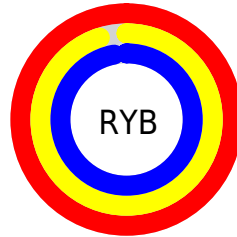
Distribution



Red (100%)

Green (95%)

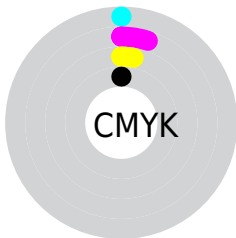
Blue (97%)



Red (100%)

Yellow (95%)

Blue (97%)

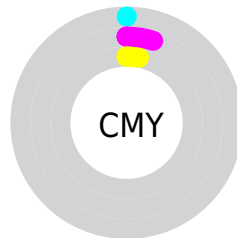


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (5%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.8860, 0.3182, 0.3232 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 90.8860, 0.3182, 0.3232 by changing the saturation by 10% instead.


 90.8860, 0.3182,
0.3232

 90.8860, 0.3182,
0.3232


530.9088, 0.3158,
0.3258

 68.7157, 0.3187,
0.3226


148.5685, 0.3174,
0.3241

 50.4802, 0.3194,
0.3220


184.8495, 0.3171,
0.3244

 35.7951, 0.3202,
0.3211


226.6028, 0.3168,
0.3247

 24.2760, 0.3212,
0.3200

274.2129, 0.3165,
0.3250

 15.5385, 0.3226,
0.3186

328.0642, 0.3163,
0.3252

 9.1982, 0.3244,
0.3166

388.5410, 0.3161,

 4.8707, 0.3271,

0.3254

0.3138

456.0277, 0.3159,
0.3256

■ 2.1716, 0.3315,
0.3092

■ 0.7044, 0.3420,
0.2978

■ 90.8860, 0.3182,
0.3232

■ 90.8860, 0.3182,
0.3232

■ 75.9735, 0.3299,
0.3121

99.9957, 0.3127,
0.3290

■ 63.1507, 0.3440,
0.3005

■ 52.3265, 0.3611,
0.2888

■ 43.3986, 0.3814,
0.2775

■ 36.2556, 0.4050,
0.2676

■ 30.7740, 0.4316,
0.2601

■ 26.8148, 0.4604,
0.2565

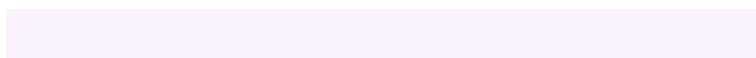
■ 24.2157, 0.4898,
0.2580

■ 22.7765, 0.5179,
0.2649

Harmonies

Analogous

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



90.8860, 0.3117, 0.3192



90.8860, 0.3182, 0.3232



90.8860, 0.3233, 0.3287

Triad

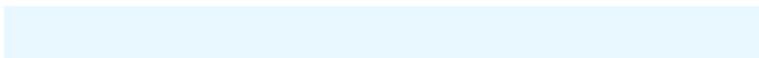
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.8860, 0.3182, 0.3232



90.8860, 0.3200, 0.3404



90.8860, 0.3001, 0.3235

Complementary

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



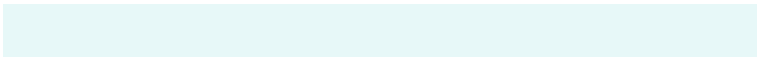
90.8860, 0.3182, 0.3232



97.0455, 0.3075, 0.3349

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.



90.8860, 0.3022, 0.3292



90.8860, 0.3182, 0.3232



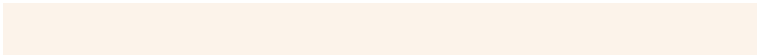
90.8860, 0.3137, 0.3391

Square

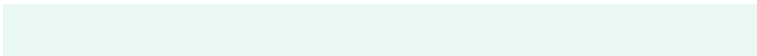
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



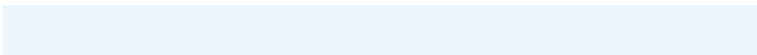
90.8860, 0.3182, 0.3232



90.8860, 0.3243, 0.3386



90.8860, 0.3072, 0.3349



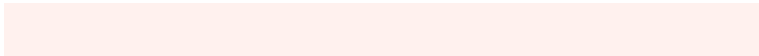
90.8860, 0.3012, 0.3193

Rectangle

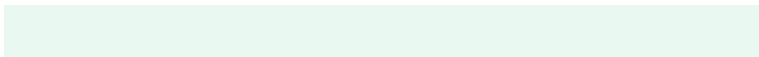
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



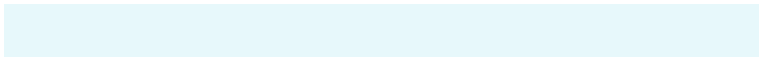
90.8860, 0.3182, 0.3232



90.8860, 0.3252, 0.3325



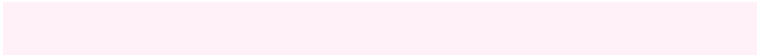
90.8860, 0.3072, 0.3349



90.8860, 0.3004, 0.3253

Sweetspot

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



90.8899, 0.3182, 0.3232



96.6034, 0.3146, 0.3269



90.2619, 0.3094, 0.3154



20.7127, 0.3146, 0.3270



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

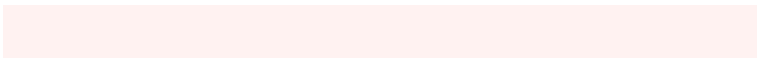
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.8899, 0.3182, 0.3232



88.4978, 0.3198, 0.3216



91.0773, 0.3218, 0.3299



18.7406, 0.3205, 0.3209



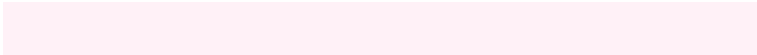
11.7232, 0.5258, 0.2670



1.1628, 0.4969, 0.2511

Inverse Universe

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



90.8899, 0.3182, 0.3232



88.4978, 0.3198, 0.3216



96.8342, 0.3042, 0.3281



18.7406, 0.3205, 0.3209



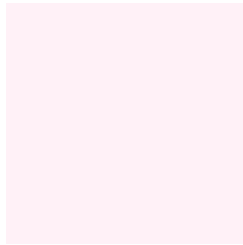
11.7232, 0.5258, 0.2670



1.1628, 0.4969, 0.2511

Previews

White Background



This preview shows how the Yxy color 90.8860, 0.3182, 0.3232 looks on a white background.

Color Contrast Check

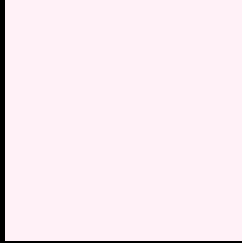
Large Text (above 18pt) WCAG AA × Fail

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 90.8860, 0.3182, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

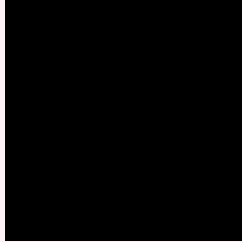
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.8860, 0.3182, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 90.8860, 0.3182, 0.3232.

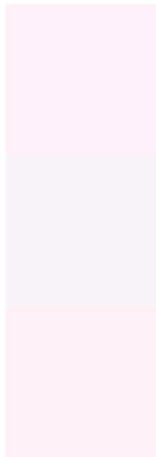


This preview shows how white text looks on a background with the Yxy color 90.8860, 0.3182, 0.3232.

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

90.8860, 0.3182, 0.3232

Protanopia

90.8350, 0.3129, 0.3241

Deuteranopia

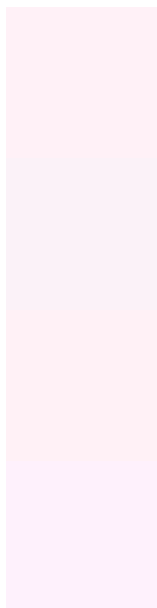
90.8244, 0.3188, 0.3242



Tritanopia

91.2014, 0.3127, 0.3155

Trichromacy



Original Color

90.8860, 0.3182, 0.3232

Protanomaly

90.7908, 0.3149, 0.3232

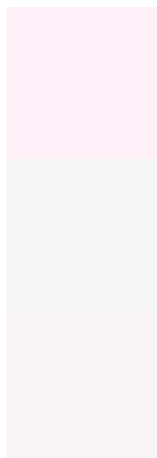
Deuteranomaly

90.8244, 0.3188, 0.3242

Tritanomaly

91.0097, 0.3145, 0.3184

Monochromacy



Original Color

90.8860, 0.3182, 0.3232

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

91.4949, 0.3147, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.8860, 0.3182, 0.3232 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, 241, 247) looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 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, 241, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 247) }
```

Border

The CSS property to change the border of an element to Yxy 90.8860, 0.3182, 0.3232 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, 241, 247) }
```

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

```
.border{ border-color:rgb(255, 241, 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, 241, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 90.8860, 0.3182, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 247) }
```

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

```
.background{ background-color: rgb(255,  
241, 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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