

Converting Colors

$Y_{xy}(100.0000, 0.3488, 0.3261)$

Have a look what the booklet for
Yxy(100.0000, 0.3488, 0.3261)
contains.

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Color

Yxy(90.7632, 0.3195, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1F5
RGB	255, 241, 245
RGB Percent	100%, 95%, 96%
CMY	0.0000, 0.0550, 0.0391
CMYK	0.00, 0.05, 0.04, 0.00
HSL	343°, 100%, 97%
HSV	343°, 5%, 100%
XYZ	89.1998, 90.7632, 99.2225
YIQ	245.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

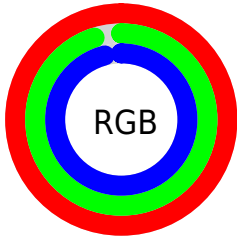
Format	Color
R _Y B	255, 241, 245
Decimal	16773621
CIE Lab	96.31, 5.42, -0.26
CIE LCh	96, 5.430, 357.268
Yxy	90.7632, 0.3195, 0.3251
Android (android.graphics.Color)	4294963701 (0xFFFFF1F5)
YUV	245.6420, -0.3165, 8.2070
Hunter-Lab	95.2697, 0.4051, 4.9388

Details

The Yxy color **90.7632, 0.3195, 0.3251** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97.1795, 0.3064, 0.3329**, and the grayscale version is **91.8446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.3778, 0.3205, 0.3241** is the 20% darker color. If you saturate the color by 10%, you get **75.6452, 0.3339, 0.3176**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

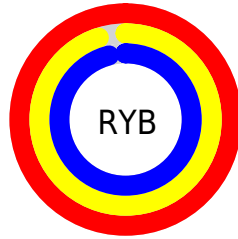
Distribution



Red (100%)

Green (95%)

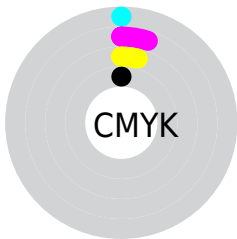
Blue (96%)



Red (100%)

Yellow (95%)

Blue (96%)

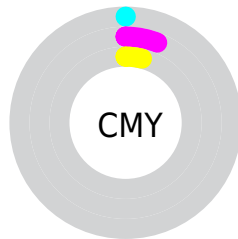


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.7632, 0.3195, 0.3251 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 90.7632, 0.3195, 0.3251 by changing the saturation by 10% instead.

 90.7632, 0.3195,
0.3251

 90.7632, 0.3195,
0.3251

530.5104, 0.3165,
0.3268

 68.6138, 0.3202,
0.3247


148.3981, 0.3185,
0.3257

 50.3973, 0.3210,
0.3243

184.6523, 0.3181,
0.3259

 35.7292, 0.3220,
0.3237


226.3770, 0.3177,
0.3261

 24.2251, 0.3232,
0.3229

273.9565, 0.3174,
0.3263

 15.5007, 0.3249,
0.3220

327.7752, 0.3171,
0.3265

 9.1715, 0.3273,
0.3206

388.2175, 0.3169,

 4.8532, 0.3307,

0.3266

0.3186

455.6677, 0.3167,
0.3267

■ 2.1614, 0.3362,
0.3155

■ 0.6988, 0.3502,
0.3073

■ 90.7632, 0.3195,
0.3251

■ 90.7632, 0.3195,
0.3251

■ 75.6452, 0.3339,
0.3176

100.0000, 0.3127,
0.3290

■ 62.6688, 0.3516,
0.3098

■ 51.7269, 0.3733,
0.3019

■ 42.7154, 0.3994,
0.2943

■ 35.5211, 0.4302,
0.2880

■ 30.0185, 0.4651,
0.2838

■ 26.0663, 0.5025,
0.2831

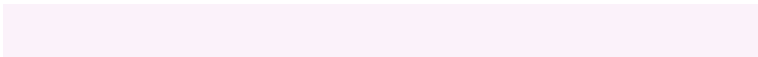
■ 23.4997, 0.5394,
0.2868

■ 22.1157, 0.5722,
0.2951

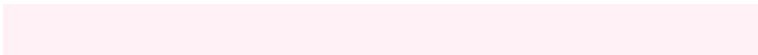
Harmonies

Analogous

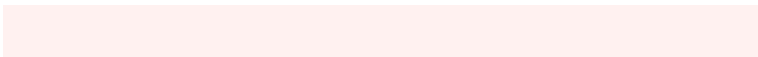
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.7632, 0.3137, 0.3208



90.7632, 0.3195, 0.3251



90.7632, 0.3235, 0.3304

Triad

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



90.7632, 0.3195, 0.3251



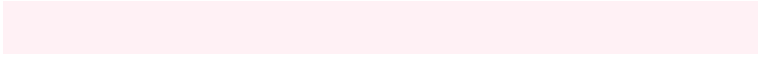
90.7632, 0.3178, 0.3395



90.7632, 0.3010, 0.3225

Complementary

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



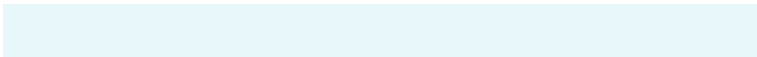
90.7632, 0.3195, 0.3251



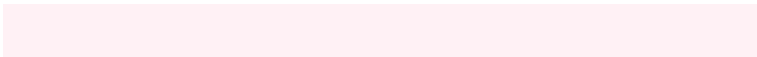
97.1795, 0.3064, 0.3329

Split Complementary

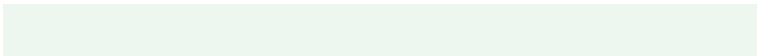
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.7632, 0.3020, 0.3275



90.7632, 0.3195, 0.3251



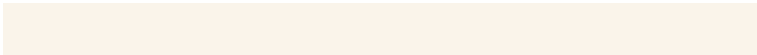
90.7632, 0.3117, 0.3374

Square

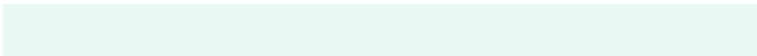
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



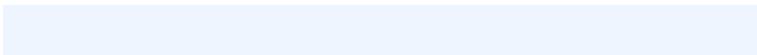
90.7632, 0.3195, 0.3251



90.7632, 0.3225, 0.3388



90.7632, 0.3060, 0.3330



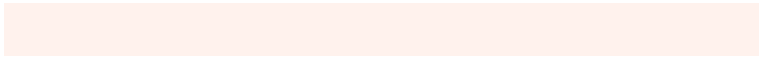
90.7632, 0.3030, 0.3193

Rectangle

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



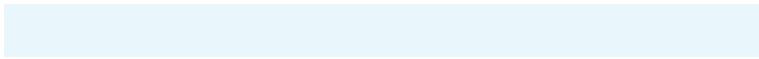
90.7632, 0.3195, 0.3251



90.7632, 0.3246, 0.3339



90.7632, 0.3060, 0.3330



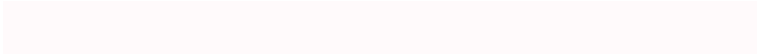
90.7632, 0.3010, 0.3240

Sweetspot

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



90.7529, 0.3194, 0.3251



96.5576, 0.3151, 0.3276



90.5898, 0.3106, 0.3154



20.7033, 0.3150, 0.3277



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

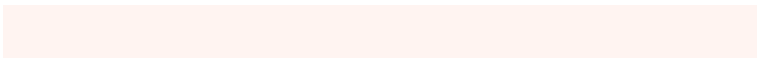
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.7529, 0.3194, 0.3251



88.3441, 0.3214, 0.3240



92.1811, 0.3217, 0.3317



18.7051, 0.3222, 0.3236



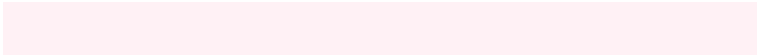
11.3863, 0.5809, 0.2974



1.1266, 0.5489, 0.2797

Inverse Universe

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



90.7529, 0.3194, 0.3251



88.3441, 0.3214, 0.3240



95.6612, 0.3042, 0.3262



18.7051, 0.3222, 0.3236



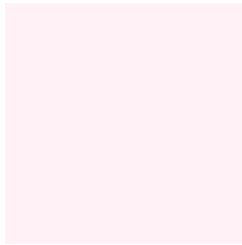
11.3863, 0.5809, 0.2974



1.1266, 0.5489, 0.2797

Previews

White Background



This preview shows how the Yxy color 90.7632, 0.3195, 0.3251 looks on a white background.

Color Contrast Check

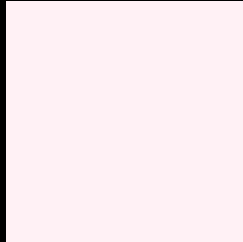
Large Text (above 18pt) WCAG AA × Fail

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 90.7632, 0.3195, 0.3251 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

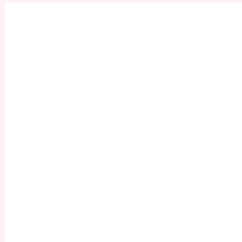
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.7632, 0.3195, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 90.7632, 0.3195, 0.3251.

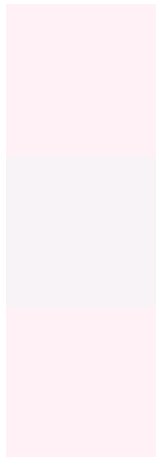


This preview shows how white text looks on a background with the Yxy color 90.7632, 0.3195, 0.3251.

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

90.7632, 0.3195, 0.3251

Protanopia

90.7115, 0.3142, 0.3261

Deuteranopia

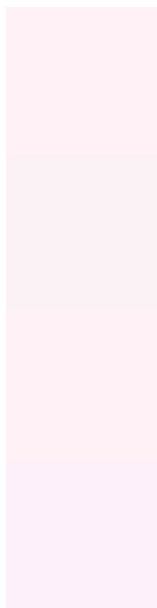
90.7632, 0.3195, 0.3251



Tritanopia

90.6110, 0.3127, 0.3146

Trichromacy



Original Color

90.7632, 0.3195, 0.3251

Protanomaly

90.6673, 0.3162, 0.3251

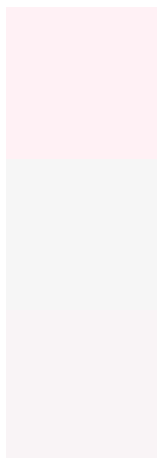
Deuteranomaly

90.7632, 0.3195, 0.3251

Tritanomaly

90.3560, 0.3152, 0.3184

Monochromacy



Original Color

90.7632, 0.3195, 0.3251

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 90.7632, 0.3195, 0.3251 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 245) }
```

Border

The CSS property to change the border of an element to Yxy 90.7632, 0.3195, 0.3251 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, 245) }
```

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

```
.border{ border-color:rgb(255, 241, 245) }
```

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, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 90.7632, 0.3195, 0.3251 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, 245) }
```

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

```
.background{ background-color: rgb(255,  
241, 245) }
```

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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