

# Converting Colors

$Yxy(91.5098, 0.3194, 0.3264)$

Have a look what the booklet for  
Yxy(91.5098, 0.3194, 0.3264)  
contains.

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# Color

**Yxy(91.3568, 0.3194, 0.3261)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF2F5
RGB	255, 242, 245
RGB Percent	100%, 95%, 96%
CMY	0.0000, 0.0510, 0.0392
CMYK	0.00, 0.05, 0.04, 0.00
HSL	346°, 100%, 97%
HSV	346°, 5%, 100%
XYZ	89.4798, 91.3568, 99.3130
YIQ	246.2290, 6.7850, 3.6890

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	255, 242, 245
Decimal	16773877
CIE Lab	96.56, 4.88, 0.10
CIE LCh	97, 4.883, 1.214
Yxy	91.3568, 0.3194, 0.3261
Android (android.graphics.Color)	4294963957 (0xFFFFF2F5)
YUV	246.2290, -0.6059, 7.6922
Hunter-Lab	95.5808, -0.1600, 5.3013

# Details

The Yxy color 91.3568, 0.3194, 0.3261 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.4245, 0.3064, 0.3319, and the grayscale version is 92.3548, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.7977, 0.3204, 0.3253 is the 20% darker color. If you saturate the color by 10%, you get 76.0874, 0.3348, 0.3201, 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 (5%)


Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 91.3568, 0.3194, 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 91.3568, 0.3194, 0.3261 by changing the saturation by 10% instead.



 91.3568, 0.3194,  
0.3261

 91.3568, 0.3194,  
0.3261


532.4347, 0.3164,  
0.3274

 69.1065, 0.3201,  
0.3258


149.2216, 0.3184,  
0.3265

 50.7985, 0.3208,  
0.3255

185.6050, 0.3180,  
0.3267

 36.0482, 0.3218,  
0.3250


227.4681, 0.3176,  
0.3269

 24.4715, 0.3231,  
0.3245

275.1954, 0.3173,  
0.3270

 15.6837, 0.3247,  
0.3238

329.1713, 0.3171,  
0.3271

 9.3006, 0.3270,  
0.3228

389.7803, 0.3168,

 4.9378, 0.3304,

0.3272

0.3213

457.4066, 0.3166,  
0.3273

■ 2.2108, 0.3358,  
0.3189

■ 0.7259, 0.3490,  
0.3131

■ 91.3568, 0.3194,  
0.3261

■ 91.3568, 0.3194,  
0.3261

■ 76.0874, 0.3348,  
0.3201

100.0000, 0.3127,  
0.3290

■ 62.9696, 0.3538,  
0.3138

■ 51.9065, 0.3771,  
0.3074

■ 42.7934, 0.4054,  
0.3014

■ 35.5164, 0.4389,  
0.2964

■ 29.9496, 0.4768,  
0.2934

■ 25.9511, 0.5172,  
0.2934

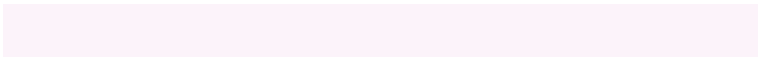
■ 23.3559, 0.5563,  
0.2973

■ 21.9614, 0.5896,  
0.3051

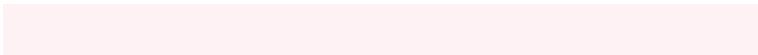
# Harmonies

## Analogous

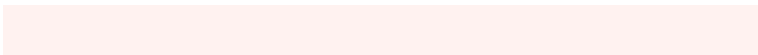
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3568, 0.3143, 0.3221



91.3568, 0.3194, 0.3261



91.3568, 0.3227, 0.3309

# Triad

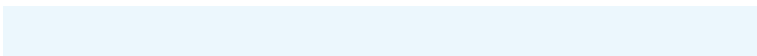
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.3568, 0.3194, 0.3261



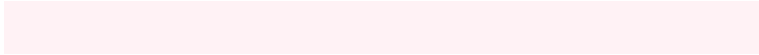
91.3568, 0.3166, 0.3383



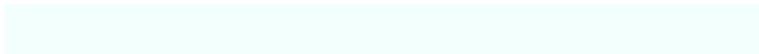
91.3568, 0.3022, 0.3227

# Complementary

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



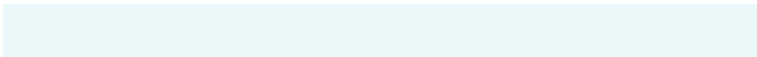
91.3568, 0.3194, 0.3261



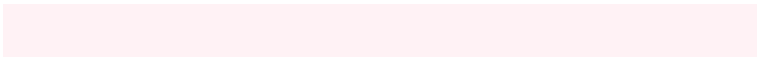
97.4245, 0.3064, 0.3319

# Split Complementary

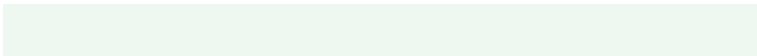
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3568, 0.3028, 0.3270



91.3568, 0.3194, 0.3261



91.3568, 0.3111, 0.3361

# Square

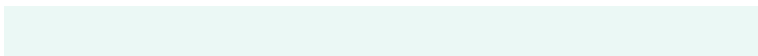
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.3568, 0.3194, 0.3261



91.3568, 0.3211, 0.3380



91.3568, 0.3061, 0.3319



91.3568, 0.3044, 0.3201

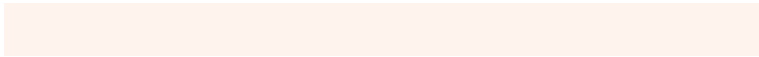


# Rectangle

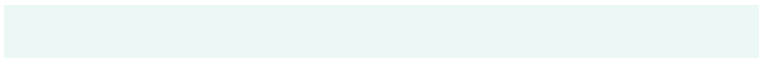
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



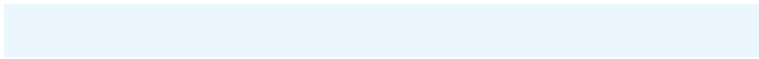
91.3568, 0.3194, 0.3261



91.3568, 0.3234, 0.3339



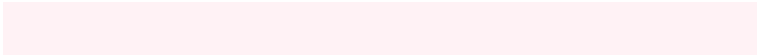
91.3568, 0.3061, 0.3319



91.3568, 0.3021, 0.3240

# Sweetspot

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



91.3571, 0.3194, 0.3261



96.5393, 0.3152, 0.3279



91.4129, 0.3113, 0.3165



20.6996, 0.3151, 0.3279



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

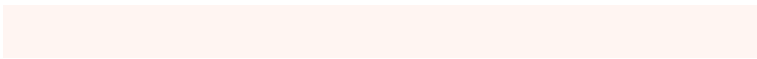
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.3571, 0.3194, 0.3261



89.8897, 0.3206, 0.3256



93.2579, 0.3210, 0.3324



19.0150, 0.3216, 0.3252



11.2932, 0.5991, 0.3074

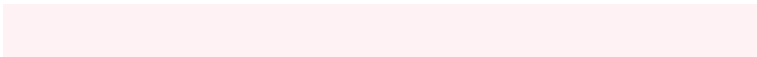


1.1155, 0.5681, 0.2903



# Inverse Universe

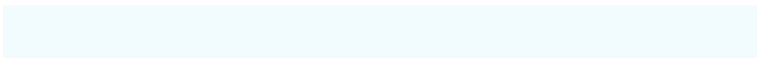
The Inverse Universe completely reimagines the original color for something new.



91.3571, 0.3194, 0.3261



89.8897, 0.3206, 0.3256



95.4250, 0.3048, 0.3256



19.0150, 0.3216, 0.3252



11.2932, 0.5991, 0.3074

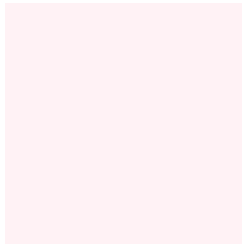


1.1155, 0.5681, 0.2903



# Previews

## White Background



This preview shows how the Yxy color 91.3568, 0.3194, 0.3261 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

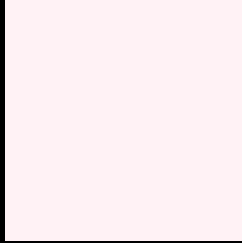
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 91.3568, 0.3194, 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 91.3568, 0.3194, 0.3261**

## **Background**



This preview shows how black text looks on a background with the Yxy color 91.3568, 0.3194, 0.3261.

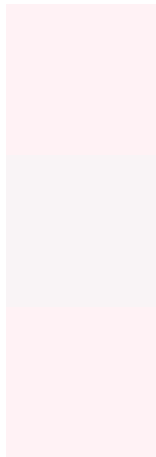


This preview shows how white text looks on a background with the Yxy color 91.3568, 0.3194, 0.3261.

# 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

91.3568, 0.3194, 0.3261

### Protanopia

91.4949, 0.3147, 0.3271

### Deuteranopia

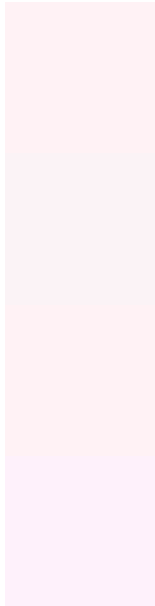
91.3568, 0.3194, 0.3261



## Tritanopia

91.2014, 0.3127, 0.3155

# Trichromacy



## Original Color

91.3568, 0.3194, 0.3261

## Protanomaly

91.2642, 0.3161, 0.3261

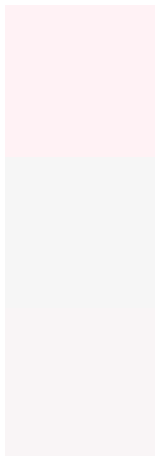
## Deuteranomaly

91.3568, 0.3194, 0.3261

## Tritanomaly

90.9465, 0.3151, 0.3194

# Monochromacy



## Original Color

91.3568, 0.3194, 0.3261

## Achromatopsia

92.1582, 0.3127, 0.3290

## Achromatomaly

92.0984, 0.3147, 0.3280

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 91.3568, 0.3194, 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, 242, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 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, 242, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 245) }
```

## Border

The CSS property to change the border of an element to Yxy 91.3568, 0.3194, 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, 242, 245) }
```

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

```
.border{ border-color:rgb(255, 242, 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, 242, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
245) }
```



# Background

The CSS property to change the background color of an element to Yxy 91.3568, 0.3194, 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, 242, 245) }
```

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

```
.background{ background-color: rgb(255,  
242, 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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