

# Converting Colors

Yxy(90.9786, 0.3164, 0.3275)

Have a look what the booklet for  
Yxy(90.9786, 0.3164, 0.3275)  
contains.

<b>Yxy(91.0177, 0.3161, 0.3271)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(91.0177, 0.3161, 0.3271)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAF3F5
RGB	250, 243, 245
RGB Percent	98%, 95%, 96%
CMY	0.0195, 0.0470, 0.0394
CMYK	0.00, 0.03, 0.02, 0.02
HSL	343°, 41%, 97%
HSV	343°, 3%, 98%
XYZ	87.9569, 91.0177, 99.2819
YIQ	245.3210, 3.5300, 2.1060

# Conversions

## Conversions Part 2

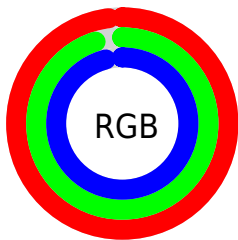
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 243, 245
Decimal	16446453
CIE Lab	96.42, 2.69, -0.12
CIE LCh	96, 2.690, 357.513
Yxy	91.0177, 0.3161, 0.3271
Android (android.graphics.Color)	4294636533 (0xFFFAF3F5)
YUV	245.3210, -0.1583, 4.1035
Hunter-Lab	95.4032, -2.3877, 5.0817

# Details

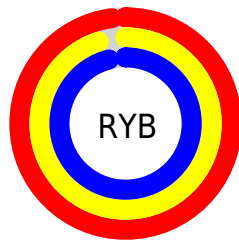
The Yxy color 91.0177, 0.3161, 0.3271 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.2236, 0.3094, 0.3309, and the grayscale version is 91.5847, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.6841, 0.3170, 0.3265 is the 20% darker color. If you saturate the color by 10%, you get 76.0127, 0.3299, 0.3200, and if you desaturate by 10%, it is 99.0685, 0.3096, 0.3290.

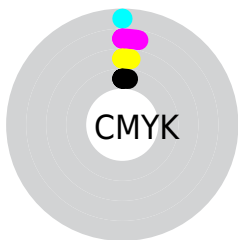
# Distribution



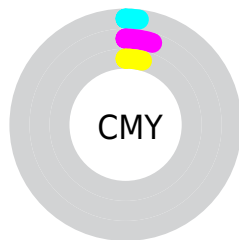
- Red (98%)
- Green (95%)
- Blue (96%)



- Red (98%)
- Yellow (95%)
- Blue (96%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 91.0177, 0.3161, 0.3271 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 91.0177, 0.3161, 0.3271 by changing the saturation by 10% instead.




 91.0177, 0.3161,  
0.3271

 91.0177, 0.3161,  
0.3271


531.3359, 0.3146,  
0.3280

 68.8250, 0.3164,  
0.3269


148.7512, 0.3156,  
0.3274

 50.5692, 0.3168,  
0.3267


185.0609, 0.3154,  
0.3275

 35.8659, 0.3173,  
0.3264


226.8449, 0.3152,  
0.3276

 24.3306, 0.3180,  
0.3260

274.4879, 0.3151,  
0.3277

 15.5791, 0.3188,  
0.3256

328.3740, 0.3149,  
0.3278

 9.2268, 0.3200,  
0.3249

388.8878, 0.3148,

 4.8894, 0.3217,

0.3278

0.3239

456.4136, 0.3147,  
0.3279

■ 2.1825, 0.3244,  
0.3224

■ 0.7104, 0.3318,  
0.3182

■ 91.0177, 0.3161,  
0.3271

■ 91.0177, 0.3161,  
0.3271

■ 76.0127, 0.3299,  
0.3200

■ 99.0685, 0.3096,  
0.3290

■ 63.0642, 0.3469,  
0.3126

■ 52.0854, 0.3677,  
0.3049

■ 42.9793, 0.3930,  
0.2975

■ 35.6401, 0.4230,  
0.2910

■ 29.9516, 0.4574,  
0.2864

■ 25.7836, 0.4949,  
0.2848

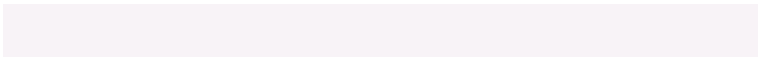
■ 22.9861, 0.5328,  
0.2873

■ 21.3775, 0.5673,  
0.2944

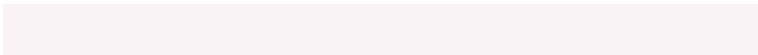
# Harmonies

## Analogous

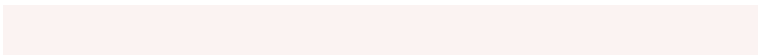
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0177, 0.3132, 0.3250



91.0177, 0.3161, 0.3271



91.0177, 0.3181, 0.3297

# Triad

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



91.0177, 0.3161, 0.3271



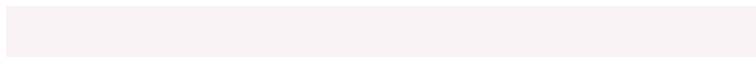
91.0177, 0.3152, 0.3342



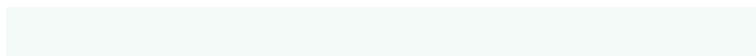
91.0177, 0.3069, 0.3258

# Complementary

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



91.0177, 0.3161, 0.3271



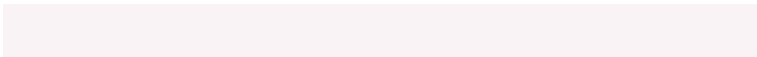
94.2236, 0.3094, 0.3309

# Split Complementary

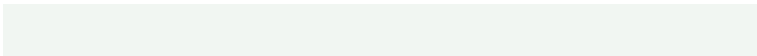
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.0177, 0.3074, 0.3283



91.0177, 0.3161, 0.3271



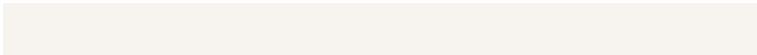
91.0177, 0.3122, 0.3331

# Square

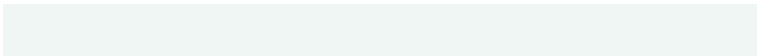
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



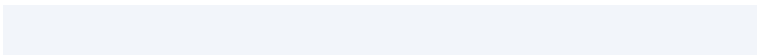
91.0177, 0.3161, 0.3271



91.0177, 0.3175, 0.3339



91.0177, 0.3094, 0.3309



91.0177, 0.3079, 0.3242



# Rectangle

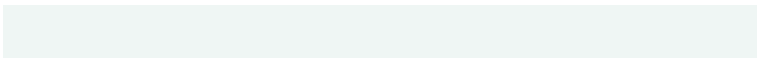
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



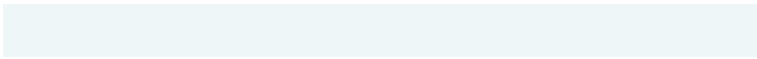
91.0177, 0.3161, 0.3271



91.0177, 0.3186, 0.3315



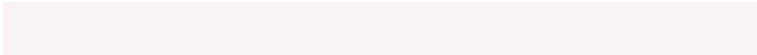
91.0177, 0.3094, 0.3309



91.0177, 0.3069, 0.3265

# Sweetspot

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



91.0216, 0.3161, 0.3271



98.2658, 0.3139, 0.3283



90.9698, 0.3118, 0.3221



21.0512, 0.3138, 0.3284



0.0000, 0.0000, 0.0000

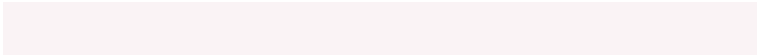


21.4041, 0.3127, 0.3290

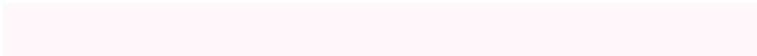


# Same Dimension

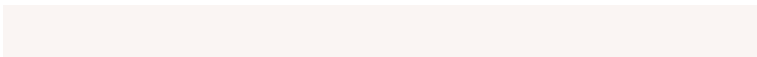
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.0216, 0.3161, 0.3271



94.8652, 0.3163, 0.3270



91.8174, 0.3172, 0.3305



19.1665, 0.3173, 0.3264



11.0327, 0.5842, 0.2992

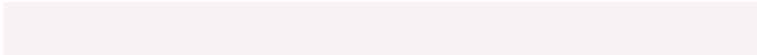


1.0390, 0.5506, 0.2807



# Inverse Universe

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



91.0216, 0.3161, 0.3271



94.8652, 0.3163, 0.3270



93.4037, 0.3084, 0.3275



19.1665, 0.3173, 0.3264



11.0327, 0.5842, 0.2992

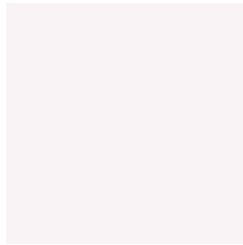


1.0390, 0.5506, 0.2807



# Previews

## White Background



This preview shows how the Yxy color 91.0177, 0.3161, 0.3271 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

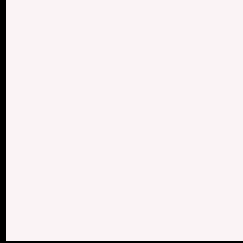
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 91.0177, 0.3161, 0.3271 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

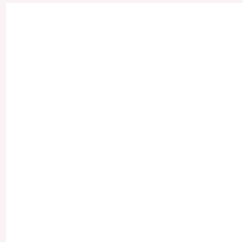
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 91.0177, 0.3161, 0.3271**

## **Background**



This preview shows how black text looks on a background with the Yxy color 91.0177, 0.3161, 0.3271.



This preview shows how white text looks on a background with the Yxy color 91.0177, 0.3161, 0.3271.

# 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**

91.0177, 0.3161, 0.3271

**Protanopia**

90.8335, 0.3154, 0.3271

**Deuteranopia**

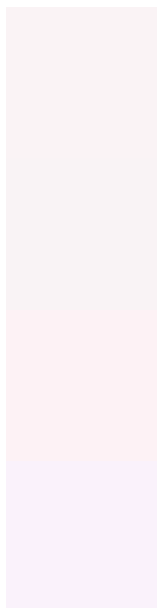
90.7632, 0.3195, 0.3251



## Tritanopia

91.0483, 0.3101, 0.3164

# Trichromacy



## Original Color

91.0177, 0.3161, 0.3271

## Protanomaly

90.8335, 0.3154, 0.3271

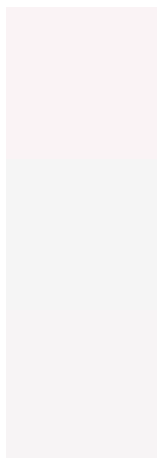
## Deuteranomaly

90.9795, 0.3181, 0.3261

## Tritanomaly

90.7933, 0.3125, 0.3203

# Monochromacy



## Original Color

91.0177, 0.3161, 0.3271

## Achromatopsia

91.3099, 0.3127, 0.3290

## Achromatomaly

91.0681, 0.3141, 0.3280

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 91.0177, 0.3161, 0.3271 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(250, 243, 245)` looks like.

```
.text, #text, p{  
    color:rgb(250, 243, 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(250, 243, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 243, 245) }
```

## Border

The CSS property to change the border of an element to Yxy 91.0177, 0.3161, 0.3271 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(250, 243, 245) }
```

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

```
.border{ border-color:rgb(250, 243, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 243, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 243, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 243, 245);  
box-shadow:4px 4px 4px 4px rgb(250, 243,  
245) }
```



# Background

The CSS property to change the background color of an element to Yxy 91.0177, 0.3161, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 243, 245) }
```

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

```
.background{ background-color: rgb(250,  
243, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor