

Converting Colors

Yxy(91.4337, 0.3154, 0.3280)

Have a look what the booklet for
Yxy(91.4337, 0.3154, 0.3280)
contains.

Yxy(91.4337, 0.3154, 0.3280)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(91.4337, 0.3154, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F9F4F5
RGB	249, 244, 245
RGB Percent	98%, 96%, 96%
CMY	0.0232, 0.0432, 0.0392
CMYK	0.00, 0.02, 0.02, 0.02
HSL	348°, 30%, 97%
HSV	348°, 2%, 98%
XYZ	87.9213, 91.4337, 99.4063
YIQ	245.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

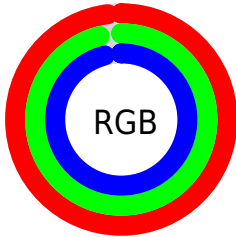
Format	Color
R_{YB}	249, 244, 245
Decimal	16381173
CIE Lab	96.59, 1.88, 0.10
CIE LCh	97, 1.887, 2.953
Yxy	91.4337, 0.3154, 0.3280
Android (android.graphics.Color)	4294571253 (0xFF9F4F5)
YUV	245.6090, -0.3002, 2.9739
Hunter-Lab	95.6210, -3.2100, 5.2976

Details

The Yxy color **91.4337, 0.3154, 0.3280** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93.8126, 0.3101, 0.3300**, and the grayscale version is **91.8389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9780, 0.3161, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **76.2984, 0.3303, 0.3229**, and if you desaturate by 10%, it is **98.8949, 0.3091, 0.3290**.

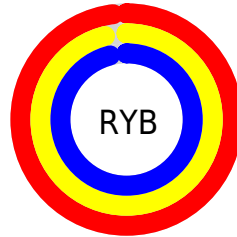
Distribution



Red (98%)

Green (96%)

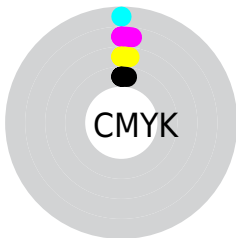
Blue (96%)



Red (98%)

Yellow (96%)

Blue (96%)

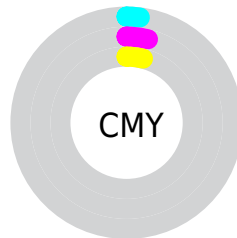


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (2%)



Cyan (2%)


Magenta (4%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4337, 0.3154, 0.3280 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 91.4337, 0.3154, 0.3280 by changing the saturation by 10% instead.


 91.4337, 0.3154,
0.3280

 91.4337, 0.3154,
0.3280


532.6837, 0.3142,
0.3285

 69.1704, 0.3157,
0.3279


149.3283, 0.3150,
0.3282

 50.8505, 0.3160,
0.3278


185.7283, 0.3148,
0.3282

 36.0896, 0.3164,
0.3276


227.6093, 0.3147,
0.3283

 24.5034, 0.3169,
0.3274

275.3558, 0.3146,
0.3283

 15.7075, 0.3175,
0.3272

329.3521, 0.3145,
0.3284

 9.3174, 0.3185,
0.3268

389.9825, 0.3144,

 4.9488, 0.3198,

0.3284

0.3263

457.6316, 0.3143,
0.3284

■ 2.2172, 0.3220,
0.3255

■ 0.7294, 0.3277,
0.3233

■ 91.4337, 0.3154,
0.3280

■ 91.4337, 0.3154,
0.3280

■ 76.2984, 0.3303,
0.3229

■ 98.8949, 0.3091,
0.3290

■ 63.2305, 0.3488,
0.3175

■ 52.1433, 0.3717,
0.3120

■ 42.9400, 0.3995,
0.3066

■ 35.5151, 0.4328,
0.3020

■ 29.7531, 0.4711,
0.2989

■ 25.5243, 0.5125,
0.2983

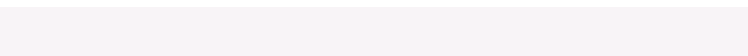
■ 22.6802, 0.5535,
0.3010

■ 21.0418, 0.5891,
0.3074

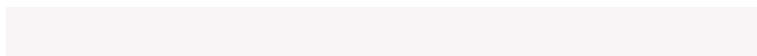
Harmonies

Analogous

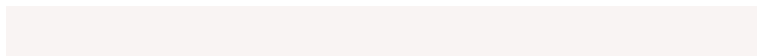
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4337, 0.3135, 0.3264



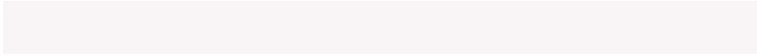
91.4337, 0.3154, 0.3280



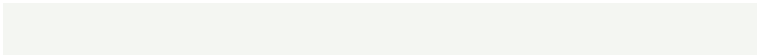
91.4337, 0.3166, 0.3299

Triad

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



91.4337, 0.3154, 0.3280



91.4337, 0.3141, 0.3326



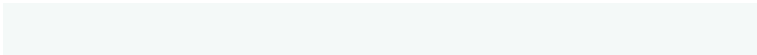
91.4337, 0.3087, 0.3265

Complementary

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



91.4337, 0.3154, 0.3280



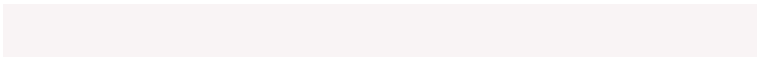
93.8126, 0.3101, 0.3300

Split Complementary

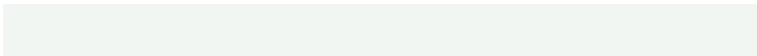
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.4337, 0.3089, 0.3281



91.4337, 0.3154, 0.3280



91.4337, 0.3120, 0.3317

Square

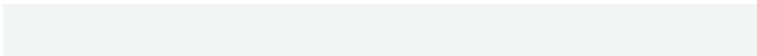
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



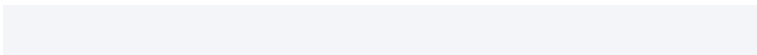
91.4337, 0.3154, 0.3280



91.4337, 0.3159, 0.3325



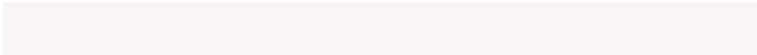
91.4337, 0.3101, 0.3300



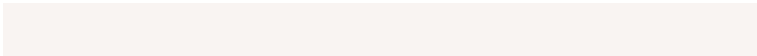
91.4337, 0.3096, 0.3255

Rectangle

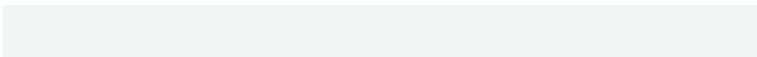
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.4337, 0.3154, 0.3280



91.4337, 0.3169, 0.3310



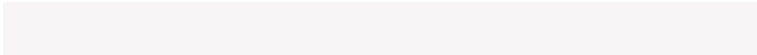
91.4337, 0.3101, 0.3300



91.4337, 0.3086, 0.3270

Sweetspot

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



91.4376, 0.3154, 0.3280



98.2533, 0.3140, 0.3285



91.4866, 0.3122, 0.3240



21.0487, 0.3139, 0.3285



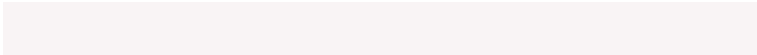
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

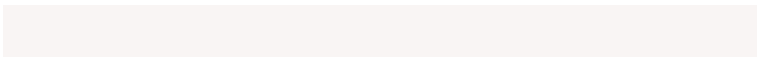
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.4376, 0.3154, 0.3280



96.5296, 0.3153, 0.3280



92.2483, 0.3159, 0.3304



19.8152, 0.3152, 0.3281



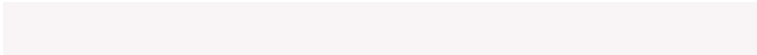
10.9206, 0.6074, 0.3120



1.0258, 0.5759, 0.2946

Inverse Universe

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



91.4376, 0.3154, 0.3280



96.5296, 0.3153, 0.3280



92.9861, 0.3095, 0.3276



19.8152, 0.3152, 0.3281



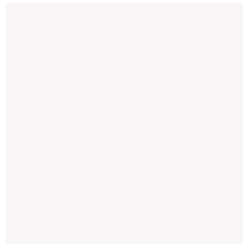
10.9206, 0.6074, 0.3120



1.0258, 0.5759, 0.2946

Previews

White Background



This preview shows how the Yxy color 91.4337, 0.3154, 0.3280 looks on a white background.

Color Contrast Check

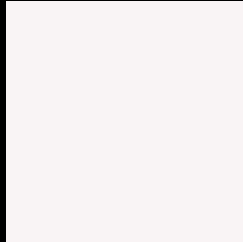
Large Text (above 18pt) WCAG AA × Fail

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 91.4337, 0.3154, 0.3280 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

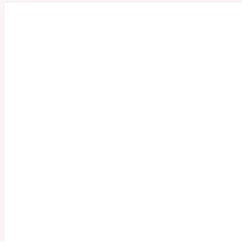
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.4337, 0.3154, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 91.4337, 0.3154, 0.3280.

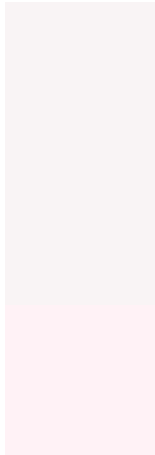


This preview shows how white text looks on a background with the Yxy color 91.4337, 0.3154, 0.3280.

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

91.4337, 0.3154, 0.3280

Protanopia

91.4337, 0.3154, 0.3280

Deuteranopia

91.4181, 0.3188, 0.3252



Tritanopia

91.4609, 0.3094, 0.3174

Trichromacy



Original Color

91.4337, 0.3154, 0.3280

Protanomaly

91.4337, 0.3154, 0.3280

Deuteranomaly

91.6377, 0.3174, 0.3261

Tritanomaly

91.2060, 0.3118, 0.3212

Monochromacy



Original Color

91.4337, 0.3154, 0.3280

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

91.7328, 0.3134, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4337, 0.3154, 0.3280 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(249, 244, 245)` looks like.

```
.text, #text, p{  
    color:rgb(249, 244, 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(249, 244, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 244, 245) }
```

Border

The CSS property to change the border of an element to Yxy 91.4337, 0.3154, 0.3280 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(249, 244, 245) }
```

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

```
.border{ border-color:rgb(249, 244, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 244, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 244, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 244, 245);  
box-shadow:4px 4px 4px 4px rgb(249, 244,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4337, 0.3154, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 244, 245) }
```

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

```
.background{ background-color: rgb(249,  
244, 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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