

Converting Colors

$Y_{xy}(91.9927, 0.3125, 0.3274)$

Have a look what the booklet for
Yxy(91.9927, 0.3125, 0.3274)
contains.

Yxy(91.7944, 0.3128, 0.3270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Yxy(91.7944, 0.3128, 0.3270)

Conversions

Conversions Part 1	
Format	Color
Hex	F7F5F7
RGB	247, 245, 247
RGB Percent	97%, 96%, 97%
CMY	0.0313, 0.0392, 0.0312
CMYK	0.00, 0.01, 0.00, 0.03
HSL	300°, 11%, 96%
HSV	300°, 1%, 97%
XYZ	87.8082, 91.7944, 101.1142
YIQ	245.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

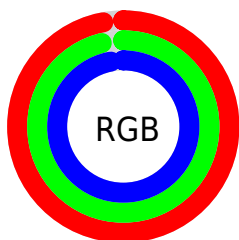
Format	Color
RYB	247, 245, 247
Decimal	16250359
CIELab	96.74, 1.04, -0.75
CIELCh	97, 1.282, 324.055
Yxy	91.7944, 0.3128, 0.3270
Android (android.graphics.Color)	4294440439 (0xFFFF7F5F7)
YUV	245.8260, 0.5788, 1.0296
Hunter-Lab	95.8094, -4.0732, 4.4938

Details

The Yxy color 91.7944, 0.3128, 0.3270 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.5510, 0.3126, 0.3310, and the grayscale version is 92.0122, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.2331, 0.3128, 0.3265 is the 20% darker color. If you saturate the color by 10%, you get 77.8021, 0.3138, 0.3023, and if you desaturate by 10%, it is 98.0496, 0.3125, 0.3367.

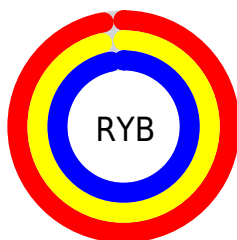
Distribution



Red (97%)

Green (96%)

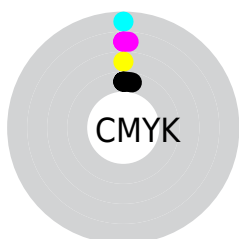
Blue (97%)



Red (97%)

Yellow (96%)

Blue (97%)

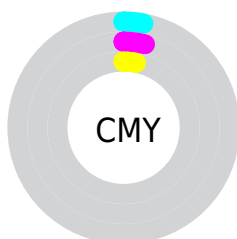


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (3%)



Cyan (3%)


Magenta (4%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.7944, 0.3128, 0.3270 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 91.7944, 0.3128, 0.3270 by changing the saturation by 10% instead.


 91.7944, 0.3128,
0.3270

 91.7944, 0.3128,
0.3270


533.8508, 0.3128,
0.3279

 69.4699, 0.3128,
0.3268


149.8284, 0.3128,
0.3273

 51.0945, 0.3128,
0.3266


186.3067, 0.3128,
0.3274

 36.2838, 0.3128,
0.3263


228.2716, 0.3128,
0.3275

 24.6535, 0.3128,
0.3259

276.1077, 0.3128,
0.3276

 15.8191, 0.3129,
0.3254

330.1993, 0.3128,
0.3277

 9.3962, 0.3129,
0.3247


390.9307, 0.3128,


 5.0005, 0.3129,

0.3278

0.3237


458.6864, 0.3128,
0.3278


 2.2476, 0.3130,
0.3221

 0.7457, 0.3131,
0.3181


 91.7944, 0.3128,
0.3270

 91.7944, 0.3128,
0.3270


 77.8021, 0.3138,
0.3023


 98.0496, 0.3125,
0.3367


 65.7229, 0.3149,
0.2771


 98.0834, 0.3126,
0.3367


 55.4770, 0.3159,
0.2521


 98.1173, 0.3127,
0.3367


 46.9746, 0.3168,
0.2282


 98.1513, 0.3128,
0.3367


 40.1183, 0.3176,
0.2064


 98.1852, 0.3129,
0.3367

 34.8012, 0.3183,
0.1877

 98.2192, 0.3130,
0.3367


 30.9037, 0.3187,
0.1727

 98.2533, 0.3132,
0.3367

 28.2888, 0.3190,
0.1621

 98.2873, 0.3133,
0.3367

 26.7923, 0.3191,
0.1558

 98.3214, 0.3134,
0.3367

Harmonies

Analogous

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



91.7944, 0.3114, 0.3266



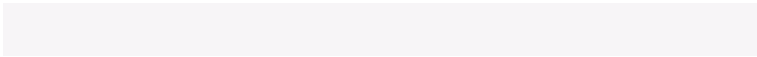
91.7944, 0.3128, 0.3270



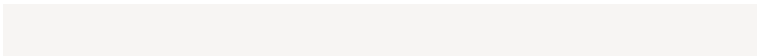
91.7944, 0.3142, 0.3280

Triad

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



91.7944, 0.3128, 0.3270



91.7944, 0.3151, 0.3313



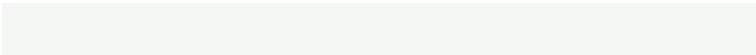
91.7944, 0.3103, 0.3288

Complementary

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



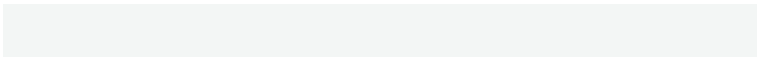
91.7944, 0.3128, 0.3270



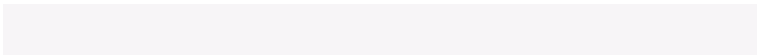
92.5510, 0.3126, 0.3310

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.



91.7944, 0.3113, 0.3301



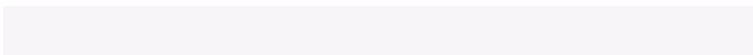
91.7944, 0.3128, 0.3270



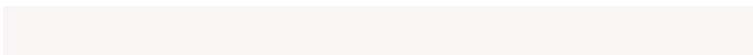
91.7944, 0.3141, 0.3315

Square

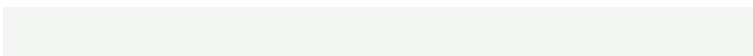
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.7944, 0.3128, 0.3270



91.7944, 0.3155, 0.3304



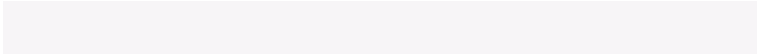
91.7944, 0.3126, 0.3311



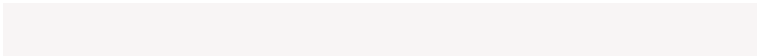
91.7944, 0.3099, 0.3276

Rectangle

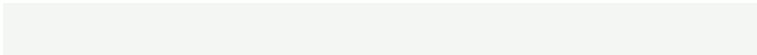
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



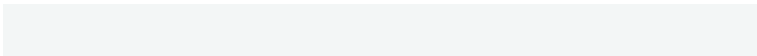
91.7944, 0.3128, 0.3270



91.7944, 0.3149, 0.3288



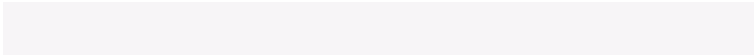
91.7944, 0.3126, 0.3311



91.7944, 0.3105, 0.3292

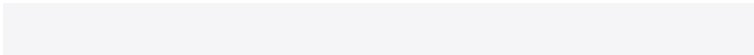
Sweetspot

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



91.7983, 0.3128, 0.3270

100.0000, 0.3127, 0.3290



91.4527, 0.3115, 0.3270



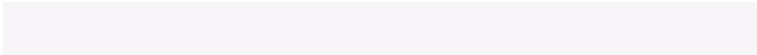
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

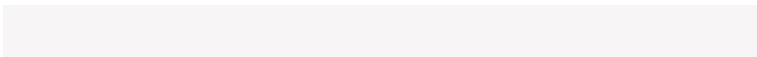
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.7983, 0.3128, 0.3270



98.3801, 0.3128, 0.3266



91.7404, 0.3134, 0.3280



19.2988, 0.3128, 0.3267



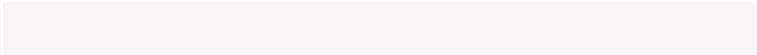
13.8346, 0.3190, 0.1531



1.2179, 0.3193, 0.1533

Inverse Universe

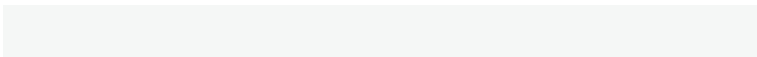
The Inverse Universe completely reimagines the original color for something new.



91.6768, 0.3140, 0.3290



98.2218, 0.3143, 0.3290



92.6086, 0.3120, 0.3300



19.2694, 0.3142, 0.3290



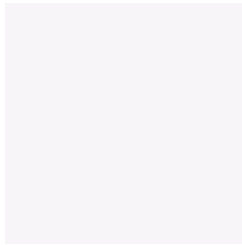
10.4610, 0.6393, 0.3295



0.9201, 0.6373, 0.3284

Previews

White Background



This preview shows how the Yxy color 91.7944, 0.3128, 0.3270 looks on a white background.

Color Contrast Check

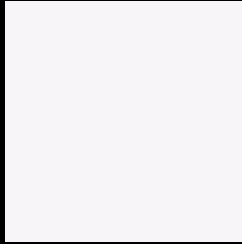
Large Text (above 18pt) WCAG AA × Fail

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 91.7944, 0.3128, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

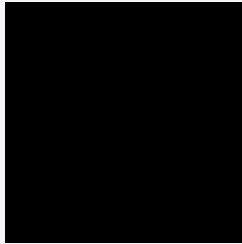
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

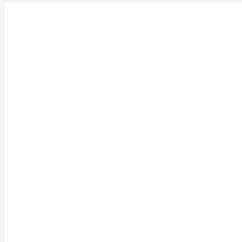
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.7944, 0.3128, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 91.7944, 0.3128, 0.3270.

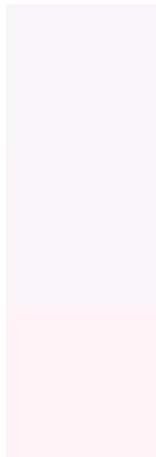


This preview shows how white text looks on a background with the Yxy color 91.7944, 0.3128, 0.3270.

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

91.7944, 0.3128, 0.3270

Protanopia

91.5565, 0.3141, 0.3261

Deuteranopia

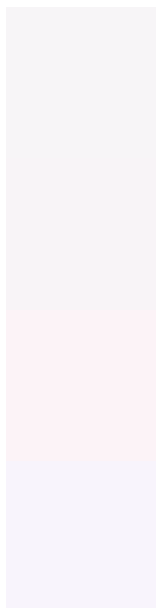
91.4797, 0.3182, 0.3242



Tritanopia

91.8778, 0.3087, 0.3183

Trichromacy



Original Color

91.7944, 0.3128, 0.3270

Protanomaly

91.3732, 0.3135, 0.3261

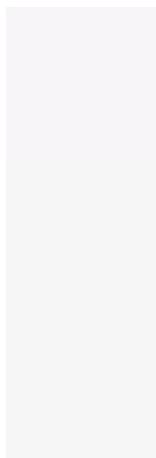
Deuteranomaly

91.5120, 0.3161, 0.3251

Tritanomaly

91.6861, 0.3105, 0.3212

Monochromacy



Original Color

91.7944, 0.3128, 0.3270

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.1582, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.7944, 0.3128, 0.3270 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(247, 245, 247)` looks like.

```
.text, #text, p{  
    color:rgb(247, 245, 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(247, 245, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 245, 247) }
```

Border

The CSS property to change the border of an element to Yxy 91.7944, 0.3128, 0.3270 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(247, 245, 247) }
```

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

```
.border{ border-color:rgb(247, 245, 247) }
```

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

Here you see how a box with a 4 pixel rgb(247, 245, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 245, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 245, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 245,  
247) }
```

Background

The CSS property to change the background color of an element to Yxy 91.7944, 0.3128, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 245, 247) }
```

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

```
.background{ background-color: rgb(247,  
245, 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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double the colors in the color bucket, and more
awesome pro features!

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