

Converting Colors

$Y_{xy}(92.9241, 0.3117, 0.3267)$

Have a look what the booklet for
Yxy(92.9241, 0.3117, 0.3267)
contains.

| | |
|--|----|
| Yxy(93.1352, 0.3115, 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(93.1352, 0.3115, 0.3270)

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | F7F7F9 |
| RGB | 247, 247, 249 |
| RGB Percent | 97%, 97%, 98% |
| CMY | 0.0314, 0.0314, 0.0233 |
| CMYK | 0.01, 0.01, 0.00, 0.02 |
| HSL | 240°, 15%, 97% |
| HSV | 240°, 1%, 98% |
| XYZ | 88.7205, 93.1352, 102.9614 |
| YIQ | 247.2280, -0.6420, 0.6220 |

Conversions

Conversions Part 2

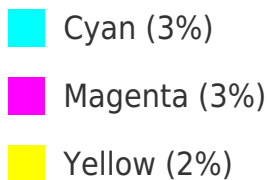
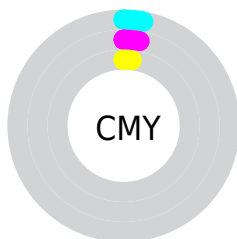
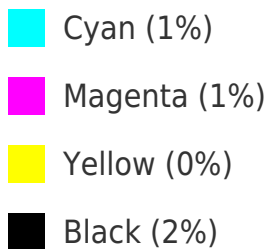
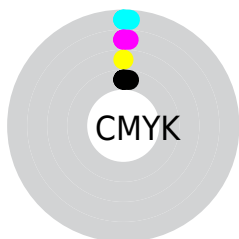
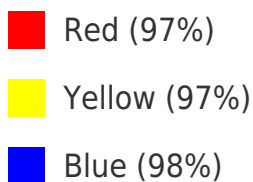
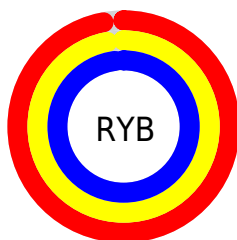
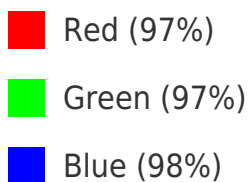
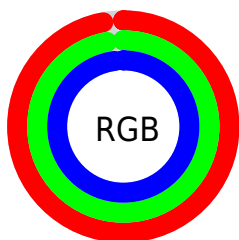
| Format | Color |
|-------------------------------------|---|
| RYB | 247, 247, 249 |
| Decimal | 16250873 |
| CIELab | 97.28, 0.36, -0.99 |
| CIELCh | 97, 1.057, 290.169 |
| Yxy | 93.1352, 0.3115, 0.3270 |
| Android (android.graphics.Color) | 4294440953 (0xFF7F7F9) |
| YUV | 247.2280, 0.8736, -0.2000 |
| Hunter-Lab | 96.5066, -4.7877, 4.2990 |

Details

The Yxy color 93.1352, 0.3115, 0.3270 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.6368, 0.3139, 0.3310, and the grayscale version is 93.2038, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.1882, 0.3112, 0.3265 is the 20% darker color. If you saturate the color by 10%, you get 74.7624, 0.2956, 0.3009, and if you desaturate by 10%, it is 99.6226, 0.3162, 0.3347.

Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 93.1352, 0.3115, 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 93.1352, 0.3115, 0.3270 by changing the saturation by 10% instead.


 93.1352, 0.3115,
0.3270

 93.1352, 0.3115,
0.3270


538.1776, 0.3120,
0.3279

 70.5839, 0.3114,
0.3268


151.6858, 0.3117,
0.3273

 52.0027, 0.3112,
0.3266


188.4538, 0.3118,
0.3274

 37.0072, 0.3111,
0.3263


230.7296, 0.3118,
0.3275

 25.2131, 0.3108,
0.3259

278.8974, 0.3119,
0.3276

 16.2359, 0.3105,
0.3254

333.3418, 0.3119,
0.3277

 9.6912, 0.3101,
0.3247


394.4470, 0.3120,


 5.1947, 0.3095,


0.3278


0.3237

462.5975, 0.3120,
0.3278


 2.3620, 0.3085,
0.3222

 0.8062, 0.3066,
0.3188


 93.1352, 0.3115,
0.3270

 93.1352, 0.3115,
0.3270

 74.7624, 0.2956,
0.3009

 99.6226, 0.3162,
0.3347

 58.8975, 0.2777,
0.2714

 45.4352, 0.2578,
0.2387

 34.2587, 0.2366,
0.2036

■ 25.2409, 0.2149,
0.1678

■ 18.2427, 0.1942,
0.1336

■ 13.1086, 0.1761,
0.1037

■ 9.6606, 0.1623,
0.0808

■ 7.6860, 0.1538,
0.0664

Harmonies

Analogous

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



93.1352, 0.3107, 0.3273



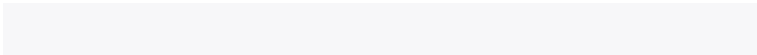
93.1352, 0.3115, 0.3270



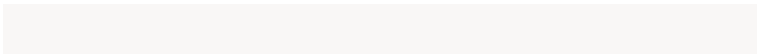
93.1352, 0.3126, 0.3273

Triad

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



93.1352, 0.3115, 0.3270



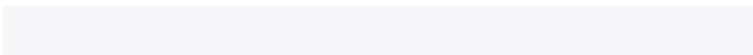
93.1352, 0.3150, 0.3301



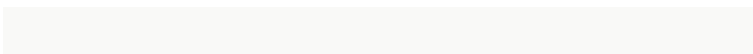
93.1352, 0.3117, 0.3300

Complementary

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



93.1352, 0.3115, 0.3270



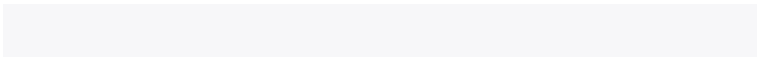
94.6368, 0.3139, 0.3310

Split Complementary

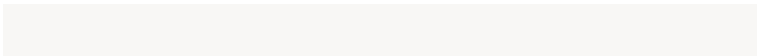
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.1352, 0.3128, 0.3308



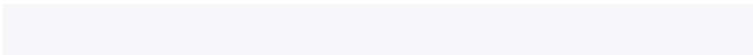
93.1352, 0.3115, 0.3270



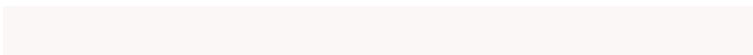
93.1352, 0.3148, 0.3308

Square

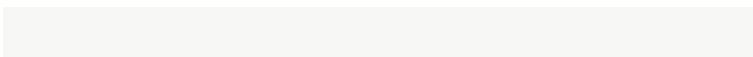
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.1352, 0.3115, 0.3270



93.1352, 0.3147, 0.3291



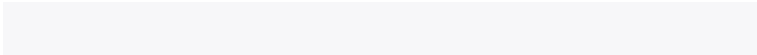
93.1352, 0.3140, 0.3311



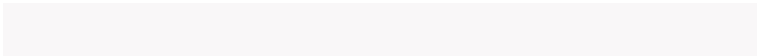
93.1352, 0.3108, 0.3290

Rectangle

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



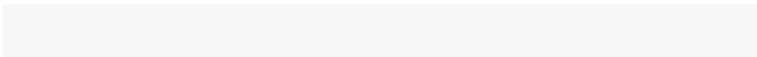
93.1352, 0.3115, 0.3270



93.1352, 0.3134, 0.3277



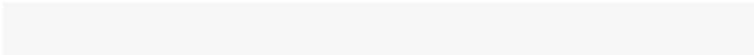
93.1352, 0.3140, 0.3311



93.1352, 0.3120, 0.3303

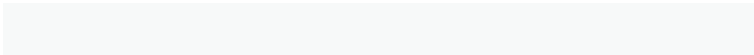
Sweetspot

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



93.1392, 0.3115, 0.3270

100.0000, 0.3127, 0.3290



94.3942, 0.3114, 0.3290



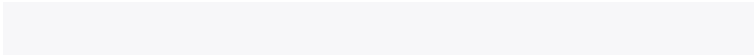
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

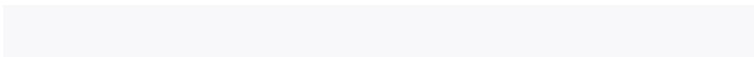
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.1392, 0.3115, 0.3270



97.9132, 0.3112, 0.3266



93.3127, 0.3121, 0.3270



20.0845, 0.3113, 0.3267



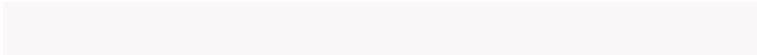
3.6862, 0.1501, 0.0604



0.3472, 0.1504, 0.0613

Inverse Universe

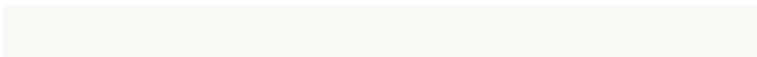
The Inverse Universe completely reimagines the original color for something new.



93.3806, 0.3140, 0.3290



98.2216, 0.3143, 0.3290



94.4624, 0.3133, 0.3310



20.1444, 0.3142, 0.3290



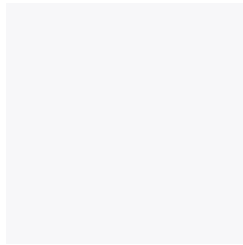
10.7830, 0.6394, 0.3296



0.9993, 0.6379, 0.3288

Previews

White Background



This preview shows how the Yxy color 93.1352, 0.3115, 0.3270 looks on a white background.

Color Contrast Check

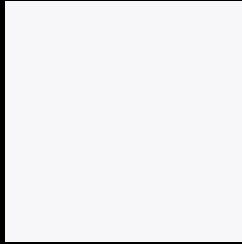
Large Text (above 18pt) WCAG AA × Fail

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 93.1352, 0.3115, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

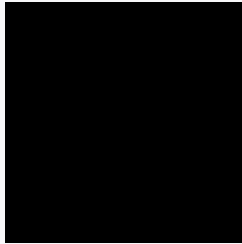
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

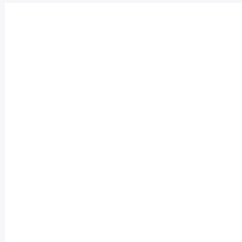
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.1352, 0.3115, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 93.1352, 0.3115, 0.3270.

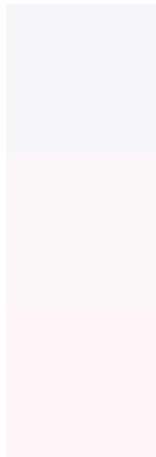


This preview shows how white text looks on a background with the Yxy color 93.1352, 0.3115, 0.3270.

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

93.1352, 0.3115, 0.3270

Protanopia

93.1981, 0.3147, 0.3271

Deuteranopia

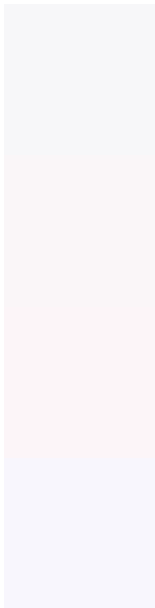
92.7387, 0.3174, 0.3252



Tritanopia

93.0880, 0.3087, 0.3203

Trichromacy



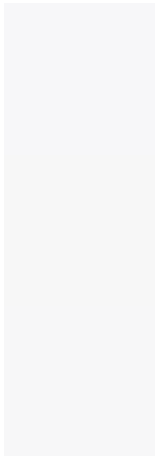
Original Color
93.1352, 0.3115, 0.3270

Protanomaly
93.0128, 0.3141, 0.3271

Deuteranomaly
92.7776, 0.3154, 0.3261

Tritanomaly
92.9598, 0.3098, 0.3222

Monochromacy



Original Color
93.1352, 0.3115, 0.3270

Achromatopsia
93.0111, 0.3127, 0.3290

Achromatomaly
93.0730, 0.3121, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.1352, 0.3115, 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, 247, 249)` looks like.

```
.text, #text, p{  
    color:rgb(247, 247, 249)  
}
```

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, 247, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 247, 249) }
```

Border

The CSS property to change the border of an element to Yxy 93.1352, 0.3115, 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, 247, 249) }
```

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

```
.border{ border-color:rgb(247, 247, 249) }
```

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

Here you see how a box with a 4 pixel rgb(247, 247, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 247, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 247, 249);  
box-shadow:4px 4px 4px 4px rgb(247, 247,  
249) }
```

Background

The CSS property to change the background color of an element to Yxy 93.1352, 0.3115, 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, 247, 249) }
```

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

```
.background{ background-color: rgb(247,  
247, 249) }
```

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
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