

Converting Colors

$Yxy(93.6651, 0.3080, 0.3298)$

Have a look what the booklet for
Yxy(93.6651, 0.3080, 0.3298)
contains.

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Color

Yxy(93.9115, 0.3077, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	F1FAF9
RGB	241, 250, 249
RGB Percent	95%, 98%, 98%
CMY	0.0547, 0.0196, 0.0237
CMYK	0.04, 0.00, 0.00, 0.02
HSL	173°, 47%, 96%
HSV	173°, 4%, 98%
XYZ	87.5654, 93.9115, 103.1034
YIQ	247.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

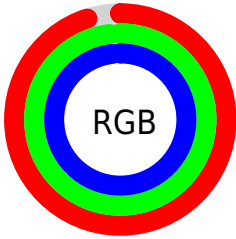
Format	Color
R _Y B	241, 246, 250
Decimal	15858425
CIE Lab	97.60, -3.12, -0.54
CIE LCh	98, 3.165, 189.843
Yxy	93.9115, 0.3077, 0.3300
Android (android.graphics.Color)	4294048505 (0xFFFF1FAF9)
YUV	247.1950, 0.8899, -5.4330
Hunter-Lab	96.9079, -8.2975, 4.7550

Details

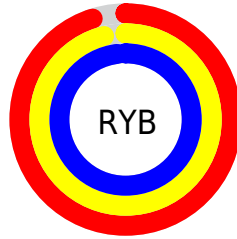
The Yxy color 93.9115, 0.3077, 0.3300 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.6739, 0.3180, 0.3280, and the grayscale version is 93.1800, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.7481, 0.3063, 0.3302 is the 20% darker color. If you saturate the color by 10%, you get 89.6340, 0.2941, 0.3330, and if you desaturate by 10%, it is 96.6490, 0.3148, 0.3272.

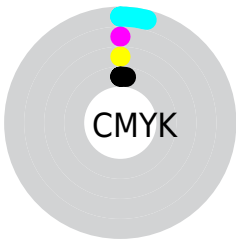
Distribution



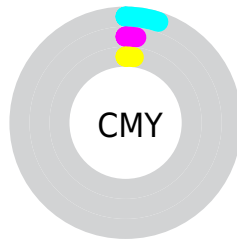
- Red (95%)
- Green (98%)
- Blue (98%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.9115, 0.3077, 0.3300 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 93.9115, 0.3077, 0.3300 by changing the saturation by 10% instead.

 93.9115, 0.3077,
0.3300

 93.9115, 0.3077,
0.3300

540.6744, 0.3099,
0.3296

 71.2293, 0.3072,
0.3301

152.7599, 0.3085,
0.3299

 52.5294, 0.3066,
0.3302

189.6950, 0.3087,
0.3298

 37.4272, 0.3059,
0.3303


232.1499, 0.3090,
0.3297

 25.5384, 0.3050,
0.3305

280.5089, 0.3092,
0.3297

 16.4787, 0.3038,
0.3308

335.1564, 0.3094,
0.3297

 9.8635, 0.3021,
0.3311

396.4769, 0.3096,

 5.3085, 0.2997,

0.3296

0.3315

464.8548, 0.3098,
0.3296

■ 2.4294, 0.2958,
0.3322

■ 0.8410, 0.2872,
0.3340

■ 93.9115, 0.3077,
0.3300

■ 93.9115, 0.3077,
0.3300

■ 89.6340, 0.2941,
0.3330

■ 96.6490, 0.3148,
0.3272

■ 85.9346, 0.2813,
0.3363

■ 96.8332, 0.3131,
0.3245

■ 82.7911, 0.2696,
0.3398

■ 96.8502, 0.3129,
0.3242

■ 80.1756, 0.2593,
0.3435

■ 78.0573, 0.2506,
0.3474

■ 76.4027, 0.2438,
0.3513

■ 75.1738, 0.2390,
0.3554

■ 74.3266, 0.2361,
0.3595

■ 73.8079, 0.2350,
0.3635

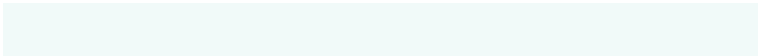
Harmonies

Analogous

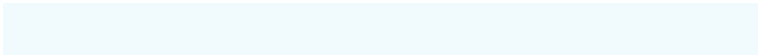
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9115, 0.3107, 0.3329



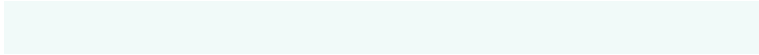
93.9115, 0.3077, 0.3300



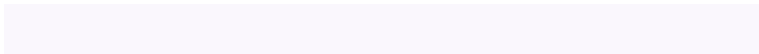
93.9115, 0.3061, 0.3269

Triad

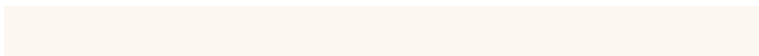
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.9115, 0.3077, 0.3300



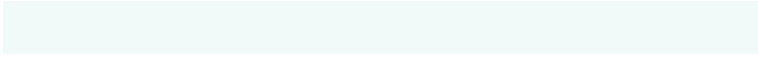
93.9115, 0.3112, 0.3234



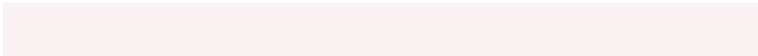
93.9115, 0.3193, 0.3337

Complementary

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



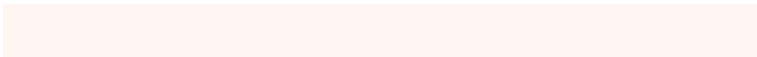
93.9115, 0.3077, 0.3300



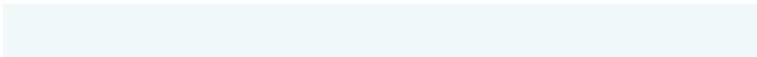
89.6739, 0.3180, 0.3280

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.



93.9115, 0.3194, 0.3311



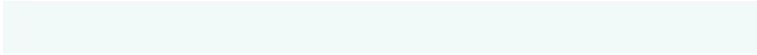
93.9115, 0.3077, 0.3300



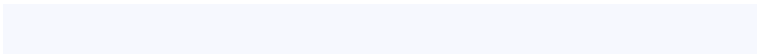
93.9115, 0.3148, 0.3252

Square

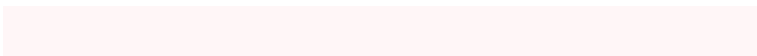
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



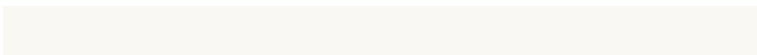
93.9115, 0.3077, 0.3300



93.9115, 0.3081, 0.3231



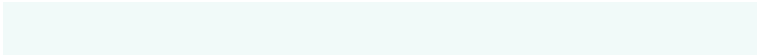
93.9115, 0.3178, 0.3280



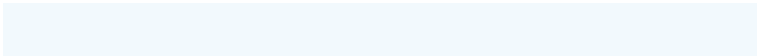
93.9115, 0.3174, 0.3350

Rectangle

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



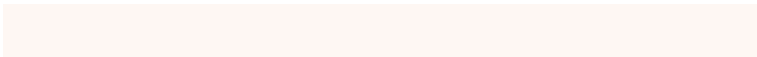
93.9115, 0.3077, 0.3300



93.9115, 0.3060, 0.3251



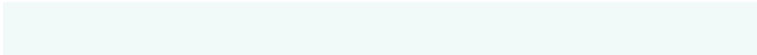
93.9115, 0.3178, 0.3280



93.9115, 0.3195, 0.3329

Sweetspot

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



93.9155, 0.3077, 0.3300



99.5006, 0.3113, 0.3293



93.6160, 0.3130, 0.3379



21.3025, 0.3114, 0.3293



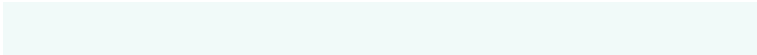
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



93.9155, 0.3077, 0.3300



98.0409, 0.3071, 0.3301



91.8656, 0.3072, 0.3256



20.0165, 0.3061, 0.3303



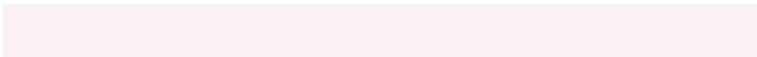
39.0532, 0.2348, 0.3654



3.6265, 0.2335, 0.3606

Inverse Universe

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



89.6739, 0.3180, 0.3280



93.0963, 0.3186, 0.3279



91.6644, 0.3184, 0.3324



18.8213, 0.3198, 0.3277



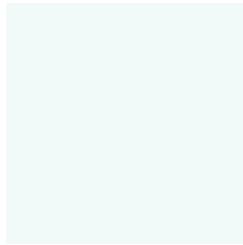
10.8376, 0.6262, 0.3223



1.0139, 0.6016, 0.3088

Previews

White Background



This preview shows how the Yxy color 93.9115, 0.3077, 0.3300 looks on a white background.

Color Contrast Check

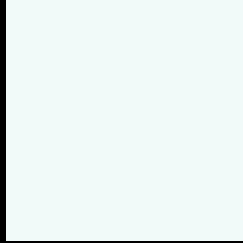
Large Text (above 18pt) WCAG AA × Fail

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 93.9115, 0.3077, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

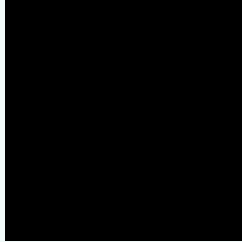
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

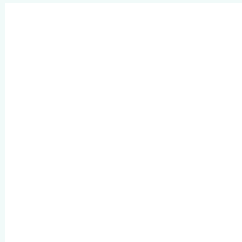
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.9115, 0.3077, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 93.9115, 0.3077, 0.3300.

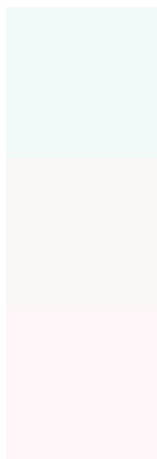


This preview shows how white text looks on a background with the Yxy color 93.9115, 0.3077, 0.3300.

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

93.9115, 0.3077, 0.3300

Protanopia

93.9324, 0.3159, 0.3290

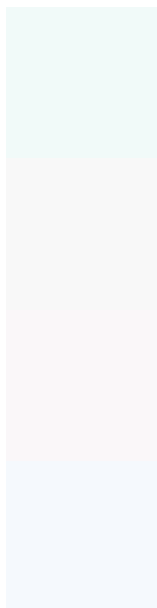
Deuteranopia

94.0111, 0.3167, 0.3261

Tritanopia

94.1290, 0.3080, 0.3222

Trichromacy



Original Color

93.9115, 0.3077, 0.3300

Protanomaly

93.8686, 0.3127, 0.3290

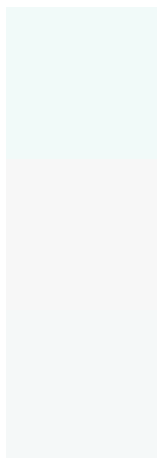
Deuteranomaly

93.6851, 0.3134, 0.3271

Tritanomaly

94.2557, 0.3079, 0.3251

Monochromacy



Original Color

93.9115, 0.3077, 0.3300

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.3246, 0.3108, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.9115, 0.3077, 0.3300 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(241, 250, 249)` looks like.

```
.text, #text, p{  
    color:rgb(241, 250, 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(241, 250, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 250, 249) }
```

Border

The CSS property to change the border of an element to Yxy 93.9115, 0.3077, 0.3300 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(241, 250, 249) }
```

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

```
.border{ border-color:rgb(241, 250, 249) }
```

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

Here you see how a box with a 4 pixel rgb(241, 250, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 250, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 250, 249);  
box-shadow:4px 4px 4px 4px rgb(241, 250,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 93.9115, 0.3077, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 250, 249) }
```

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

```
.background{ background-color: rgb(241,  
250, 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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