

Converting Colors

$Yxy(92.5539, 0.3183, 0.3366)$

Have a look what the booklet for
Yxy(92.5539, 0.3183, 0.3366)
contains.

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Color

Yxy(92.7100, 0.3181, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	F8F7EF
RGB	248, 247, 239
RGB Percent	97%, 97%, 94%
CMY	0.0277, 0.0313, 0.0628
CMYK	0.00, 0.00, 0.04, 0.03
HSL	54°, 39%, 95%
HSV	54°, 4%, 97%
XYZ	87.5365, 92.7100, 94.9390
YIQ	246.3870, 3.1640, -2.2760

Conversions

Conversions Part 2

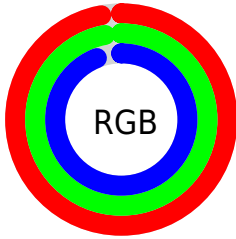
Format	Color
R_{YB}	240, 248, 239
Decimal	16316399
CIE _{Lab}	97.11, -1.07, 3.95
CIE _{LCh}	97, 4.091, 105.233
Yxy	92.7100, 0.3181, 0.3369
Android (android.graphics.Color)	4294506479 (0xFF8F7EF)
YUV	246.3870, -3.6418, 1.4146
Hunter-Lab	96.2860, -6.2209, 8.9397

Details

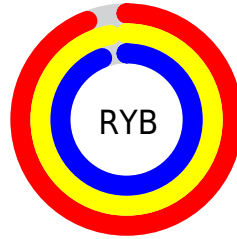
The Yxy color 92.7100, 0.3181, 0.3369 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.3958, 0.3073, 0.3210, and the grayscale version is 92.5131, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.8870, 0.3196, 0.3390 is the 20% darker color. If you saturate the color by 10%, you get 89.7979, 0.3336, 0.3594, and if you desaturate by 10%, it is 95.2732, 0.3085, 0.3237.

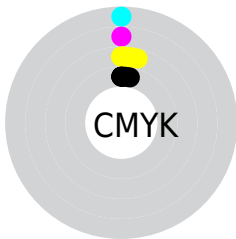
Distribution



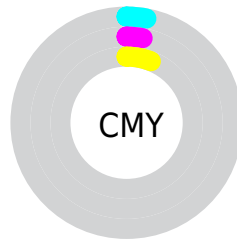
- Red (97%)
- Green (97%)
- Blue (94%)



- Red (94%)
- Yellow (97%)
- Blue (94%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)





- Cyan (3%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.7100, 0.3181, 0.3369 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 92.7100, 0.3181, 0.3369 by changing the saturation by 10% instead.


 92.7100, 0.3181,
0.3369

 92.7100, 0.3181,
0.3369


536.8075, 0.3157,
0.3334

 70.2305, 0.3186,
0.3377


151.0971, 0.3173,
0.3357

 51.7145, 0.3193,
0.3386


187.7734, 0.3170,
0.3352

 36.7775, 0.3200,
0.3398


229.9508, 0.3167,
0.3348

 25.0353, 0.3210,
0.3412

278.0136, 0.3165,
0.3345

 16.1033, 0.3223,
0.3432

332.3463, 0.3162,
0.3342

 9.5973, 0.3241,
0.3459

393.3333, 0.3160,

 5.1328, 0.3268,

0.3339

0.3498

461.3589, 0.3159,
0.3336

■ 2.3254, 0.3310,
0.3562

■ 0.7871, 0.3454,
0.3766

■ 92.7100, 0.3181,
0.3369

■ 92.7100, 0.3181,
0.3369

■ 89.7979, 0.3336,
0.3594

■ 95.2732, 0.3085,
0.3237

■ 87.0960, 0.3497,
0.3824

■ 96.8656, 0.3085,
0.3262

■ 84.5995, 0.3661,
0.4053

■ 98.4795, 0.3084,
0.3287

■ 82.2989, 0.3822,
0.4271

■ 98.6862, 0.3084,
0.3290

■ 80.1840, 0.3973,
0.4469

■ 78.2436, 0.4108,
0.4637

■ 76.4648, 0.4221,
0.4766

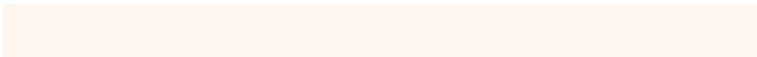
■ 74.8331, 0.4307,
0.4850

■ 73.3305, 0.4365,
0.4889

Harmonies

Analogous

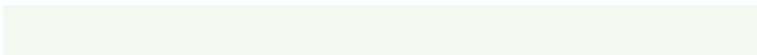
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7100, 0.3209, 0.3355



92.7100, 0.3181, 0.3369



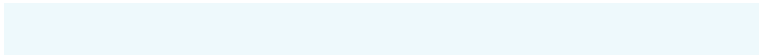
92.7100, 0.3138, 0.3361

Triad

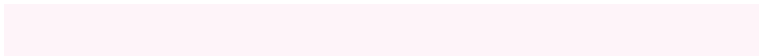
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.7100, 0.3181, 0.3369



92.7100, 0.3040, 0.3255



92.7100, 0.3161, 0.3247

Complementary

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



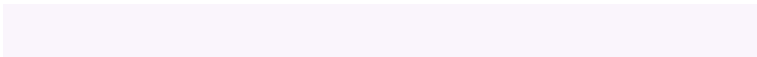
92.7100, 0.3181, 0.3369



87.3958, 0.3073, 0.3210

Split Complementary

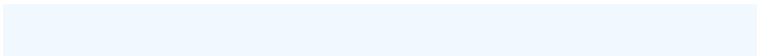
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.7100, 0.3116, 0.3220



92.7100, 0.3181, 0.3369



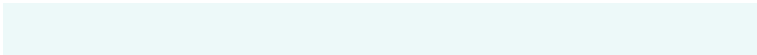
92.7100, 0.3046, 0.3225

Square

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



92.7100, 0.3181, 0.3369



92.7100, 0.3057, 0.3295



92.7100, 0.3073, 0.3212



92.7100, 0.3198, 0.3284

Rectangle

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



92.7100, 0.3181, 0.3369



92.7100, 0.3107, 0.3345



92.7100, 0.3073, 0.3212



92.7100, 0.3147, 0.3236

Sweetspot

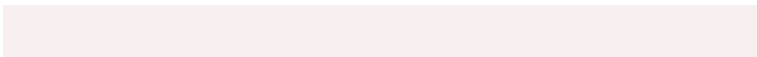
The Sweet Spot groups the original color and five complimentary colors.



92.7140, 0.3181, 0.3369



99.6696, 0.3142, 0.3312



87.9713, 0.3180, 0.3280



21.3369, 0.3141, 0.3311



0.0000, 0.0000, 0.0000



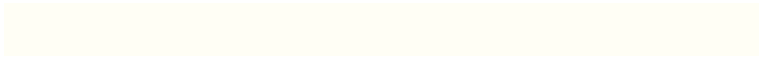
21.4041, 0.3127, 0.3290

Same Dimension

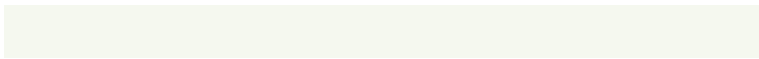
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.7140, 0.3181, 0.3369



98.6927, 0.3187, 0.3378



92.6574, 0.3158, 0.3379



20.1734, 0.3198, 0.3394



39.2635, 0.4386, 0.4899



3.7217, 0.4360, 0.4920

Inverse Universe

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



87.3958, 0.3073, 0.3210



92.4164, 0.3067, 0.3201



87.4581, 0.3095, 0.3201



18.6563, 0.3055, 0.3184



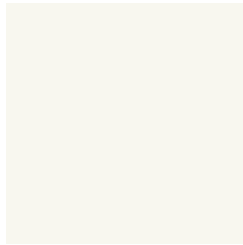
4.1409, 0.1520, 0.0670



0.4758, 0.1558, 0.0809

Previews

White Background



This preview shows how the Yxy color 92.7100, 0.3181, 0.3369 looks on a white background.

Color Contrast Check

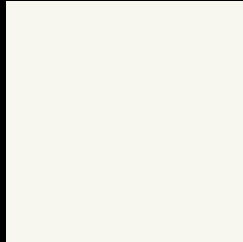
Large Text (above 18pt) WCAG AA × Fail

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 92.7100, 0.3181, 0.3369 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

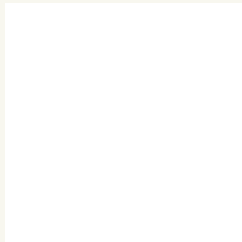
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.7100, 0.3181, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 92.7100, 0.3181, 0.3369.

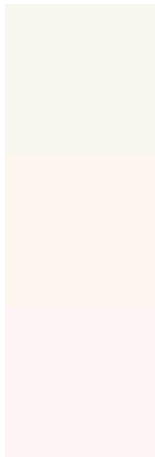


This preview shows how white text looks on a background with the Yxy color 92.7100, 0.3181, 0.3369.

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

92.7100, 0.3181, 0.3369

Protanopia

92.9672, 0.3221, 0.3368

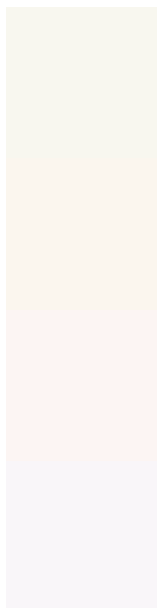
Deuteranopia

92.5539, 0.3193, 0.3281

Tritanopia

92.6646, 0.3093, 0.3193

Trichromacy



Original Color

92.7100, 0.3181, 0.3369

Protanomaly

92.5938, 0.3208, 0.3369

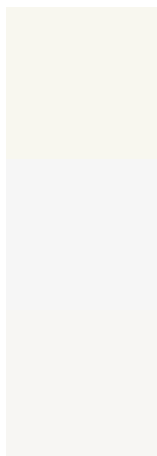
Deuteranomaly

92.4713, 0.3185, 0.3310

Tritanomaly

92.8908, 0.3129, 0.3261

Monochromacy



Original Color

92.7100, 0.3181, 0.3369

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.1568, 0.3151, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7100, 0.3181, 0.3369 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(248, 247, 239)` looks like.

```
.text, #text, p{  
    color:rgb(248, 247, 239)  
}
```

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(248, 247, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 247, 239) }
```

Border

The CSS property to change the border of an element to Yxy 92.7100, 0.3181, 0.3369 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(248, 247, 239) }
```

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

```
.border{ border-color:rgb(248, 247, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 247, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 247, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 247, 239);  
box-shadow:4px 4px 4px 4px rgb(248, 247,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7100, 0.3181, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 247, 239) }
```

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

```
.background{ background-color: rgb(248,  
247, 239) }
```

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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