

Converting Colors

$Y_{xy}(95.8296, 0.3016, 0.3097)$

Have a look what the booklet for
Yxy(95.8296, 0.3016, 0.3097)
contains.

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Color

Yxy(95.1111, 0.3092, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	F9F9FF
RGB	249, 249, 255
RGB Percent	98%, 98%, 100%
CMY	0.0236, 0.0235, 0.0000
CMYK	0.02, 0.02, 0.00, 0.00
HSL	240°, 100%, 99%
HSV	240°, 2%, 100%
XYZ	90.9912, 95.1111, 108.1771
YIQ	249.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

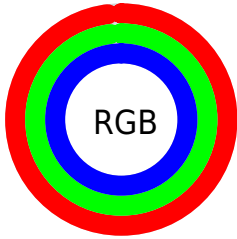
Format	Color
R _Y B	249, 249, 255
Decimal	16382463
CIE Lab	98.08, 1.07, -2.88
CIE LCh	98, 3.073, 290.361
Yxy	95.1111, 0.3092, 0.3232
Android (android.graphics.Color)	4294572543 (0xFFFF9F9FF)
YUV	249.6840, 2.6208, -0.5999
Hunter-Lab	97.5249, -4.1273, 2.5015

Details

The Yxy color 95.1111, 0.3092, 0.3232 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99.6093, 0.3162, 0.3347, and the grayscale version is 95.3042, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.5546, 0.3090, 0.3229 is the 20% darker color. If you saturate the color by 10%, you get 76.0683, 0.2930, 0.2965, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

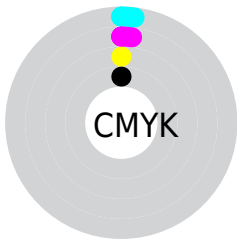
Distribution



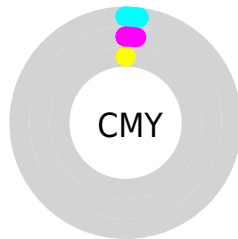
- Red (98%)
- Green (98%)
- Blue (100%)



- Red (98%)
- Yellow (98%)
- Blue (100%)



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.1111, 0.3092, 0.3232 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 95.1111, 0.3092, 0.3232 by changing the saturation by 10% instead.

 95.1111, 0.3092,
0.3232

 95.1111, 0.3092,
0.3232

544.5206, 0.3108,
0.3258

 72.2274, 0.3089,
0.3226


154.4181, 0.3097,
0.3241

 53.3445, 0.3084,
0.3220


191.6102, 0.3099,
0.3244

 38.0779, 0.3079,
0.3211


234.3406, 0.3101,
0.3247

 26.0431, 0.3073,
0.3201

282.9937, 0.3103,
0.3250

 16.8559, 0.3064,
0.3187

337.9538, 0.3104,
0.3252

 10.1318, 0.3053,
0.3168

399.6054, 0.3105,

 5.4864, 0.3036,

0.3254

0.3141

468.3329, 0.3107,
0.3256

■ 2.5354, 0.3009,
0.3098

■ 0.8943, 0.2960,
0.3020

■ 95.1111, 0.3092,
0.3232

■ 95.1111, 0.3092,
0.3232

■ 76.0683, 0.2930,
0.2965

100.0000, 0.3127,
0.3290

■ 59.6759, 0.2747,
0.2663

■ 45.8197, 0.2545,
0.2330

■ 34.3731, 0.2330,
0.1975

■ 25.1986, 0.2113,
0.1617

■ 18.1449, 0.1909,
0.1279

■ 13.0422, 0.1734,
0.0989

■ 9.6950, 0.1605,
0.0774

■ 7.8670, 0.1528,
0.0647

Harmonies

Analogous

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



95.1111, 0.3069, 0.3239



95.1111, 0.3092, 0.3232



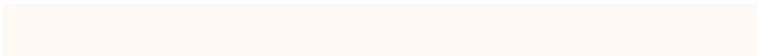
95.1111, 0.3125, 0.3240

Triad

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



95.1111, 0.3092, 0.3232



95.1111, 0.3194, 0.3320



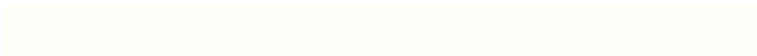
95.1111, 0.3096, 0.3319

Complementary

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



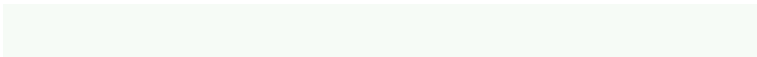
95.1111, 0.3092, 0.3232



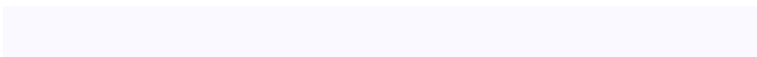
99.6093, 0.3162, 0.3347

Split Complementary

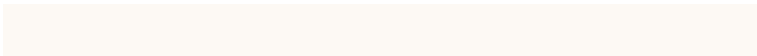
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1111, 0.3130, 0.3341



95.1111, 0.3092, 0.3232



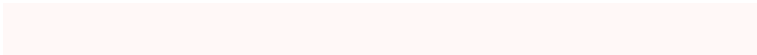
95.1111, 0.3186, 0.3341

Square

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



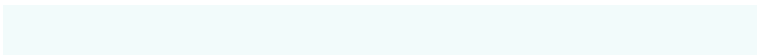
95.1111, 0.3092, 0.3232



95.1111, 0.3183, 0.3291



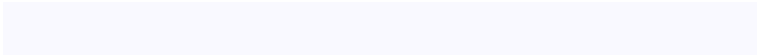
95.1111, 0.3162, 0.3349



95.1111, 0.3071, 0.3289

Rectangle

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



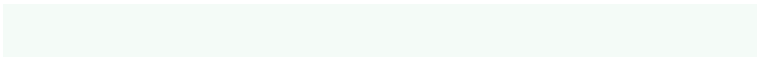
95.1111, 0.3092, 0.3232



95.1111, 0.3147, 0.3254



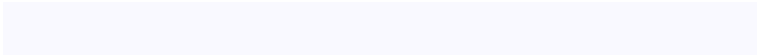
95.1111, 0.3162, 0.3349



95.1111, 0.3107, 0.3327

Sweetspot

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



95.1145, 0.3092, 0.3232



97.9074, 0.3112, 0.3266



98.8719, 0.3091, 0.3291



20.9783, 0.3113, 0.3267



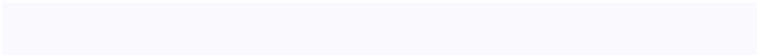
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



95.1145, 0.3092, 0.3232



93.8056, 0.3082, 0.3216



95.6428, 0.3110, 0.3232



19.7329, 0.3070, 0.3196



3.7832, 0.1501, 0.0602



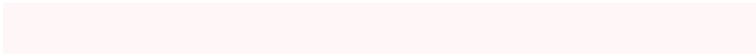
0.3709, 0.1502, 0.0605

Inverse Universe

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



95.8468, 0.3165, 0.3290



94.7340, 0.3176, 0.3290



99.0725, 0.3144, 0.3348



19.9834, 0.3190, 0.3290



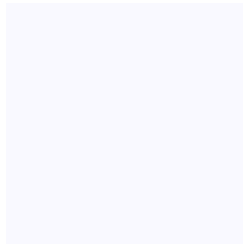
11.1099, 0.6398, 0.3298



1.0820, 0.6392, 0.3295

Previews

White Background



This preview shows how the Yxy color 95.1111, 0.3092, 0.3232 looks on a white background.

Color Contrast Check

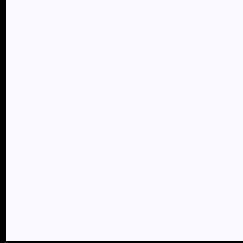
Large Text (above 18pt) WCAG AA × Fail

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 95.1111, 0.3092, 0.3232 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

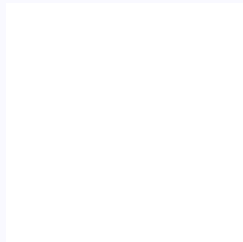
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.1111, 0.3092, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 95.1111, 0.3092, 0.3232.



This preview shows how white text looks on a background with the Yxy color 95.1111, 0.3092, 0.3232.

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

95.1111, 0.3092, 0.3232

Protanopia

94.9860, 0.3117, 0.3232

Deuteranopia

94.7466, 0.3155, 0.3252

Tritanopia

95.2954, 0.3098, 0.3232

Trichromacy

Original Color

95.1111, 0.3092, 0.3232

Protanomaly

94.7998, 0.3111, 0.3232

Deuteranomaly

95.0457, 0.3135, 0.3252

Tritanomaly

95.2954, 0.3098, 0.3232

Monochromacy

Original Color

95.1111, 0.3092, 0.3232

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.7235, 0.3115, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1111, 0.3092, 0.3232 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, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 249, 255)  
}
```

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, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 249, 255) }
```

Border

The CSS property to change the border of an element to Yxy 95.1111, 0.3092, 0.3232 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, 249, 255) }
```

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

```
.border{ border-color:rgb(249, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 249,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1111, 0.3092, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 249, 255) }
```

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

```
.background{ background-color: rgb(249,  
249, 255) }
```

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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