

Converting Colors

$Yxy(95.1611, 0.3076, 0.3319)$

Have a look what the booklet for
Yxy(95.1611, 0.3076, 0.3319)
contains.

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Color

Yxy(95.1611, 0.3076, 0.3319)

Conversions

Conversions Part 1

Format	Color
Hex	F1FCF9
RGB	241, 252, 249
RGB Percent	95%, 99%, 98%
CMY	0.0548, 0.0118, 0.0234
CMYK	0.04, 0.00, 0.01, 0.01
HSL	164°, 65%, 97%
HSV	164°, 4%, 99%
XYZ	88.1939, 95.1611, 103.3612
YIQ	248.3690, -5.5930, -3.2650

Conversions

Conversions Part 2

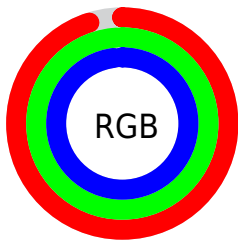
Format	Color
R _Y B	241, 247, 252
Decimal	15858937
CIE Lab	98.10, -4.12, 0.16
CIE LCh	98, 4.123, 177.772
Yxy	95.1611, 0.3076, 0.3319
Android (android.graphics.Color)	4294049017 (0xFFFF1FCF9)
YUV	248.3690, 0.3111, -6.4626
Hunter-Lab	97.5506, -9.3345, 5.4638

Details

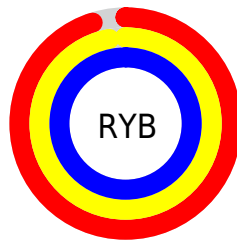
The Yxy color 95.1611, 0.3076, 0.3319 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.1522, 0.3181, 0.3261, and the grayscale version is 94.1944, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.1948, 0.3063, 0.3315 is the 20% darker color. If you saturate the color by 10%, you get 90.6140, 0.2961, 0.3391, and if you desaturate by 10%, it is 98.0987, 0.3128, 0.3261.

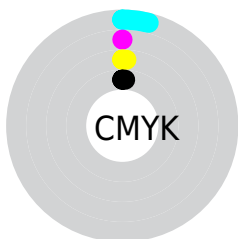
Distribution



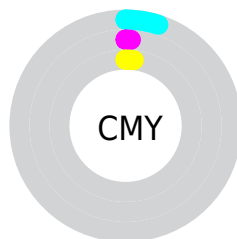
- Red (95%)
- Green (99%)
- Blue (98%)



- Red (95%)
- Yellow (97%)
- Blue (99%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)





- Cyan (5%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.1611, 0.3076, 0.3319 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 95.1611, 0.3076, 0.3319 by changing the saturation by 10% instead.


 95.1611, 0.3076,
0.3319

 95.1611, 0.3076,
0.3319


544.6806, 0.3099,
0.3306

 72.2691, 0.3071,
0.3322


154.4871, 0.3084,
0.3315

 53.3785, 0.3065,
0.3325


191.6900, 0.3087,
0.3313

 38.1050, 0.3058,
0.3329


234.4318, 0.3089,
0.3312

 26.0642, 0.3048,
0.3335

283.0971, 0.3092,
0.3310

 16.8717, 0.3036,
0.3341

338.0702, 0.3094,
0.3309

 10.1430, 0.3019,
0.3351

399.7356, 0.3095,

 5.4939, 0.2995,

0.3308

468.4776, 0.3097,
0.3307

0.3365

■ 2.5399, 0.2956,
0.3387

■ 0.8965, 0.2876,
0.3431

■ 95.1611, 0.3076,
0.3319

■ 95.1611, 0.3076,
0.3319

■ 90.6140, 0.2961,
0.3391


■ 98.0987, 0.3128,
0.3261


■ 86.6665, 0.2853,
0.3470

■ 83.2958, 0.2753,
0.3556


■ 80.4730, 0.2666,
0.3647

 78.1664, 0.2593,
0.3744

 76.3413, 0.2539,
0.3845

 74.9585, 0.2504,
0.3948

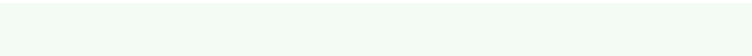
 73.9724, 0.2489,
0.4051

 73.3273, 0.2494,
0.4154

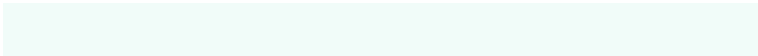
Harmonies

Analogous

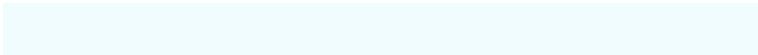
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1611, 0.3119, 0.3352



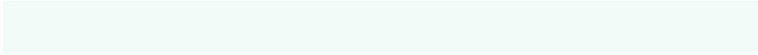
95.1611, 0.3076, 0.3319



95.1611, 0.3047, 0.3278

Triad

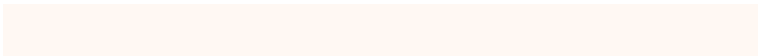
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.1611, 0.3076, 0.3319



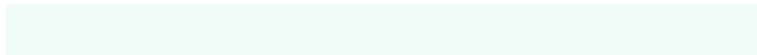
95.1611, 0.3090, 0.3213



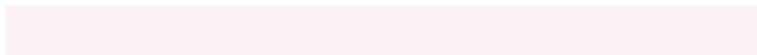
95.1611, 0.3216, 0.3339

Complementary

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



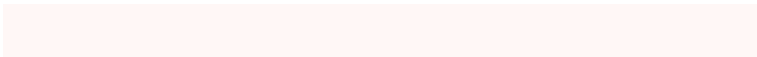
95.1611, 0.3076, 0.3319



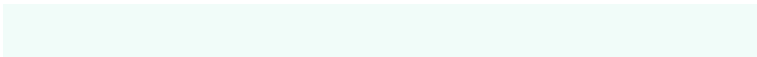
90.1522, 0.3181, 0.3261

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.



95.1611, 0.3208, 0.3301



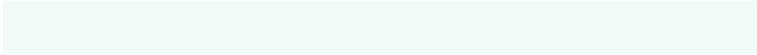
95.1611, 0.3076, 0.3319



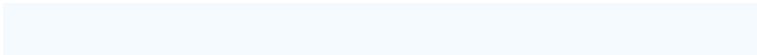
95.1611, 0.3135, 0.3229

Square

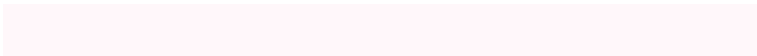
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.1611, 0.3076, 0.3319



95.1611, 0.3055, 0.3217



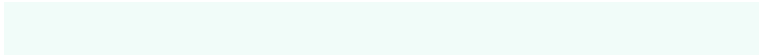
95.1611, 0.3179, 0.3262



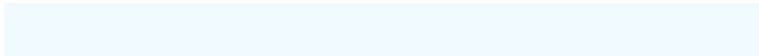
95.1611, 0.3200, 0.3363

Rectangle

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



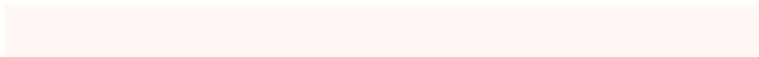
95.1611, 0.3076, 0.3319



95.1611, 0.3039, 0.3252



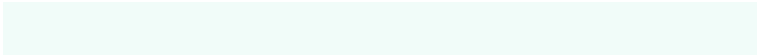
95.1611, 0.3179, 0.3262



95.1611, 0.3216, 0.3327

Sweetspot

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



95.1652, 0.3076, 0.3319



99.4752, 0.3115, 0.3297



95.2283, 0.3142, 0.3398



21.2973, 0.3116, 0.3296



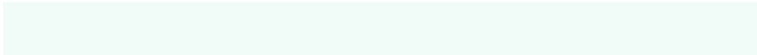
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



95.1652, 0.3076, 0.3319



97.4411, 0.3068, 0.3323



93.8685, 0.3060, 0.3266



19.8960, 0.3060, 0.3328



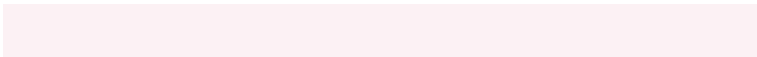
38.0893, 0.2498, 0.4194



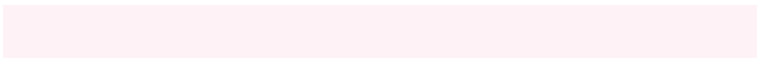
3.5454, 0.2464, 0.4072

Inverse Universe

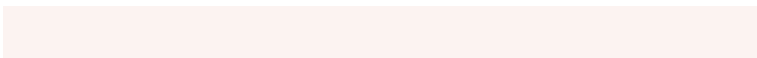
The Inverse Universe completely reimagines the original color for something new.



90.1522, 0.3181, 0.3261



91.5488, 0.3189, 0.3257



91.3898, 0.3198, 0.3313



18.5282, 0.3199, 0.3252



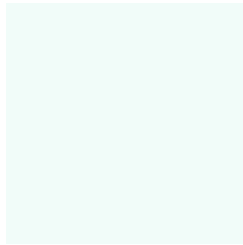
11.0205, 0.5866, 0.3005



1.0376, 0.5531, 0.2821

Previews

White Background



This preview shows how the Yxy color 95.1611, 0.3076, 0.3319 looks on a white background.

Color Contrast Check

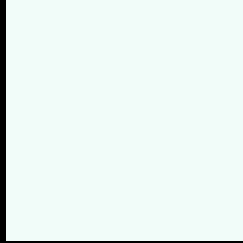
Large Text (above 18pt) WCAG AA × Fail

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 95.1611, 0.3076, 0.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

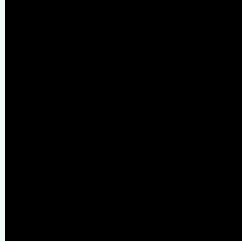
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

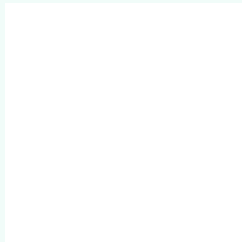
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.1611, 0.3076, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 95.1611, 0.3076, 0.3319.

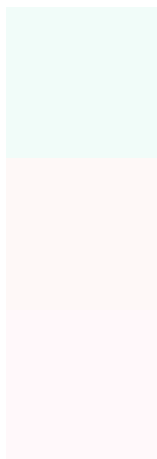


This preview shows how white text looks on a background with the Yxy color 95.1611, 0.3076, 0.3319.

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

95.1611, 0.3076, 0.3319

Protanopia

94.9210, 0.3171, 0.3300

Deuteranopia

95.2969, 0.3160, 0.3271

Tritanopia

94.9278, 0.3086, 0.3232

Trichromacy



Original Color

95.1611, 0.3076, 0.3319

Protanomaly

94.6684, 0.3133, 0.3300

Deuteranomaly

94.9775, 0.3128, 0.3280

Tritanomaly

94.8755, 0.3078, 0.3261

Monochromacy



Original Color

95.1611, 0.3076, 0.3319

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.9412, 0.3108, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1611, 0.3076, 0.3319 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, 252, 249)` looks like.

```
.text, #text, p{  
    color:rgb(241, 252, 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, 252, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 252, 249) }
```

Border

The CSS property to change the border of an element to Yxy 95.1611, 0.3076, 0.3319 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, 252, 249) }
```

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

```
.border{ border-color:rgb(241, 252, 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, 252, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 252, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 252, 249);  
box-shadow:4px 4px 4px 4px rgb(241, 252,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1611, 0.3076, 0.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 252, 249) }
```

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

```
.background{ background-color: rgb(241,  
252, 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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