

Converting Colors

Yxy(95.8802, 0.3200, 0.3561)

Have a look what the booklet for
Yxy(95.8802, 0.3200, 0.3561)
contains.

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Color

Yxy(95.8222, 0.3196, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	F1FFE4
RGB	241, 255, 228
RGB Percent	95%, 100%, 89%
CMY	0.0548, 0.0000, 0.1058
CMYK	0.05, 0.00, 0.11, 0.00
HSL	91°, 100%, 95%
HSV	91°, 11%, 100%
XYZ	86.0488, 95.8222, 87.3681
YIQ	247.7360, 0.3230, -11.3650

Conversions

Conversions Part 2

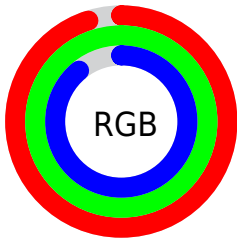
Format	Color
R _Y B	228, 255, 242
Decimal	15859684
CIE Lab	98.36, -9.24, 11.33
CIE LCh	98, 14.618, 129.215
Yxy	95.8222, 0.3196, 0.3559
Android (android.graphics.Color)	4294049764 (0xFFFF1FFE4)
YUV	247.7360, -9.7298, -5.9075
Hunter-Lab	97.8888, -14.3956, 15.6044

Details

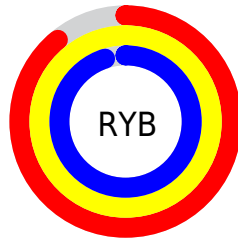
The Yxy color **95.8222, 0.3196, 0.3559** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81.5875, 0.3052, 0.3022**, and the grayscale version is **93.7305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.7196, 0.3208, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **92.2737, 0.3260, 0.3836**, and if you desaturate by 10%, it is **99.7561, 0.3131, 0.3304**.

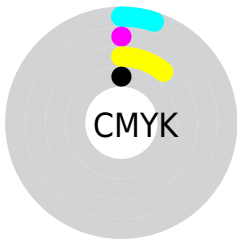
Distribution



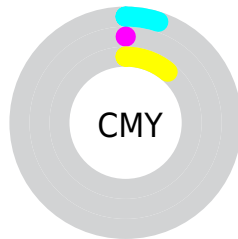
- Red (95%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (95%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.8222, 0.3196, 0.3559 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 95.8222, 0.3196, 0.3559 by changing the saturation by 10% instead.


 95.8222, 0.3196,
0.3559

 95.8222, 0.3196,
0.3559

546.7938, 0.3167,
0.3439

 72.8195, 0.3202,
0.3586


155.4000, 0.3186,
0.3518

 53.8284, 0.3210,
0.3618


192.7439, 0.3182,
0.3502

 38.4645, 0.3219,
0.3658


235.6370, 0.3179,
0.3488

 26.3434, 0.3230,
0.3710

284.4636, 0.3176,
0.3476

 17.0807, 0.3244,
0.3778

339.6082, 0.3173,
0.3465

 10.2920, 0.3262,
0.3873

401.4552, 0.3171,

 5.5930, 0.3287,

0.3455

0.4012

470.3889, 0.3169,
0.3447

■ 2.5992, 0.3320,
0.4238

■ 0.9263, 0.3641,
0.5156

■ 95.8222, 0.3196,
0.3559

■ 95.8222, 0.3196,
0.3559

■ 92.2737, 0.3260,
0.3836

99.7561, 0.3131,
0.3304

■ 89.0854, 0.3320,
0.4130

99.9974, 0.3127,
0.3290

■ 86.2482, 0.3372,
0.4434

■ 83.7476, 0.3412,
0.4737

■ 81.5681, 0.3436,
0.5025

■ 79.6926, 0.3439,
0.5281

■ 78.1018, 0.3421,
0.5491

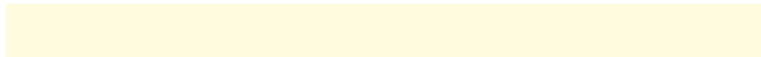
■ 76.7735, 0.3381,
0.5644

■ 75.7315, 0.3329,
0.5739

Harmonies

Analogous

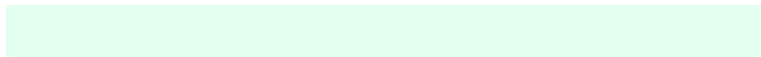
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.8222, 0.3342, 0.3567



95.8222, 0.3196, 0.3559



95.8222, 0.3035, 0.3474

Triad

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



95.8222, 0.3196, 0.3559



95.8222, 0.2831, 0.3075



95.8222, 0.3357, 0.3239

Complementary

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



95.8222, 0.3196, 0.3559



81.5875, 0.3052, 0.3022

Split Complementary

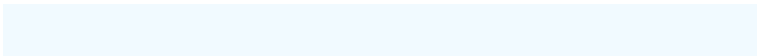
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.8222, 0.3215, 0.3116



95.8222, 0.3196, 0.3559



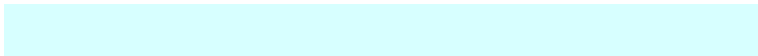
95.8222, 0.2913, 0.3021

Square

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



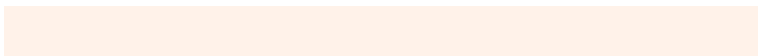
95.8222, 0.3196, 0.3559



95.8222, 0.2827, 0.3189



95.8222, 0.3052, 0.3037



95.8222, 0.3437, 0.3378

Rectangle

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



95.8222, 0.3196, 0.3559



95.8222, 0.2940, 0.3385



95.8222, 0.3052, 0.3037



95.8222, 0.3315, 0.3195

Sweetspot

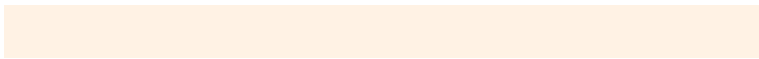
The Sweet Spot groups the original color and five complimentary colors.



95.8263, 0.3196, 0.3559



98.7739, 0.3147, 0.3364



90.3388, 0.3300, 0.3427



21.0728, 0.3152, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

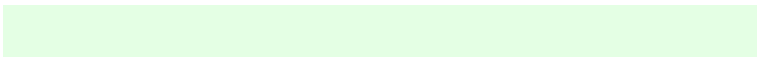
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.8263, 0.3196, 0.3559



94.9364, 0.3212, 0.3624



93.6410, 0.3112, 0.3561



20.5982, 0.3189, 0.3531



39.6607, 0.3341, 0.5729



3.9263, 0.3427, 0.5661

Inverse Universe

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



81.5875, 0.3052, 0.3022



77.7343, 0.3033, 0.2957



83.9447, 0.3142, 0.3033



17.8400, 0.3060, 0.3050



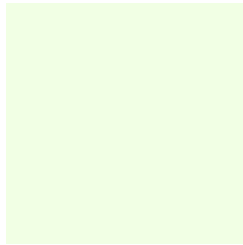
6.4233, 0.2055, 0.0906



0.6905, 0.2176, 0.0972

Previews

White Background



This preview shows how the Yxy color 95.8222, 0.3196, 0.3559 looks on a white background.

Color Contrast Check

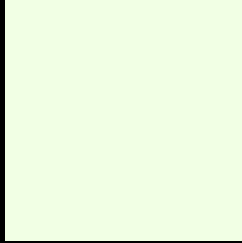
Large Text (above 18pt) WCAG AA × Fail

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 95.8222, 0.3196, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

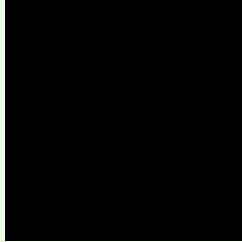
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

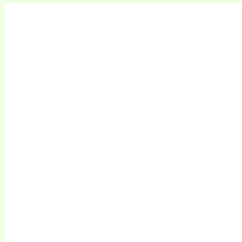
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.8222, 0.3196, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 95.8222, 0.3196, 0.3559.



This preview shows how white text looks on a background with the Yxy color 95.8222, 0.3196, 0.3559.

Color Blindness Simulation

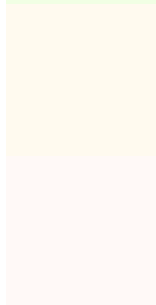
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.8222, 0.3196, 0.3559



Protanopia

95.8632, 0.3224, 0.3397

Deuteranopia

95.7268, 0.3177, 0.3309

Tritanopia

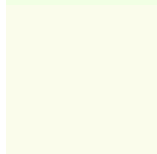
95.7310, 0.3092, 0.3242

Trichromacy



Original Color

95.8222, 0.3196, 0.3559



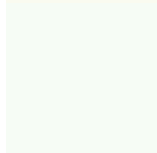
Protanomaly

95.9430, 0.3215, 0.3456



Deuteranomaly

95.6096, 0.3186, 0.3397



Tritanomaly

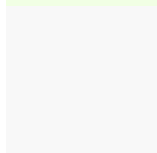
95.8062, 0.3130, 0.3358

Monochromacy



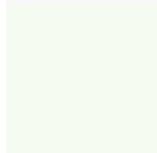
Original Color

95.8222, 0.3196, 0.3559



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.7577, 0.3148, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.8222, 0.3196, 0.3559 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, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 228)  
}
```

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, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 228) }
```

Border

The CSS property to change the border of an element to Yxy 95.8222, 0.3196, 0.3559 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, 255, 228) }
```

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

```
.border{ border-color:rgb(241, 255, 228) }
```

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

Here you see how a box with a 4 pixel rgb(241, 255, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 228);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 95.8222, 0.3196, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 228) }
```

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

```
.background{ background-color: rgb(241,  
255, 228) }
```

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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