

Converting Colors

$Yxy(96.0493, 0.3212, 0.3569)$

Have a look what the booklet for
Yxy(96.0493, 0.3212, 0.3569)
contains.

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Color

Yxy(96.1207, 0.3214, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFE3
RGB	243, 255, 227
RGB Percent	95%, 100%, 89%
CMY	0.0472, 0.0000, 0.1096
CMYK	0.05, 0.00, 0.11, 0.00
HSL	86°, 100%, 95%
HSV	86°, 11%, 100%
XYZ	86.5841, 96.1207, 86.6918
YIQ	248.2200, 1.8360, -11.2520

Conversions

Conversions Part 2

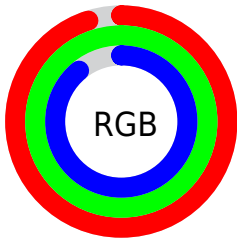
Format	Color
R_{YB}	227, 255, 239
Decimal	15990755
CIE _{Lab}	98.48, -8.75, 12.01
CIE _{LCh}	98, 14.862, 126.081
Yxy	96.1207, 0.3214, 0.3568
Android (android.graphics.Color)	4294180835 (0xFF3FFE3)
YUV	248.2200, -10.4615, -4.5779
Hunter-Lab	98.0412, -13.9316, 16.2023

Details

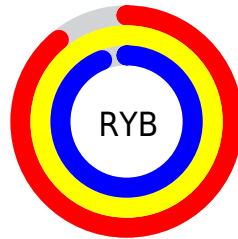
The Yxy color $96.1207, 0.3214, 0.3568$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $80.5443, 0.3033, 0.3010$, and the grayscale version is $94.1406, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $53.9315, 0.3231, 0.3620$ is the 20% darker color. If you saturate the color by 10%, you get $92.9185, 0.3293, 0.3841$, and if you desaturate by 10%, it is $99.6427, 0.3135, 0.3313$.

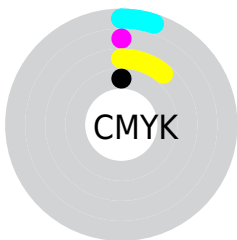
Distribution



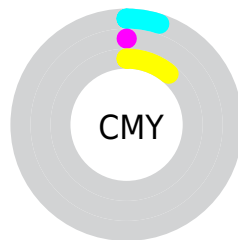
- Red (95%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (94%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.1207, 0.3214, 0.3568 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 96.1207, 0.3214, 0.3568 by changing the saturation by 10% instead.


 96.1207, 0.3214,
0.3568

 96.1207, 0.3214,
0.3568

547.7466, 0.3177,
0.3444

 73.0681, 0.3222,
0.3595


155.8120, 0.3202,
0.3526

 54.0316, 0.3231,
0.3629


193.2194, 0.3197,
0.3509

 38.6270, 0.3243,
0.3670


236.1807, 0.3192,
0.3495

 26.4696, 0.3257,
0.3723


285.0800, 0.3188,
0.3482

 17.1753, 0.3276,
0.3793

340.3019, 0.3185,
0.3471

 10.3596, 0.3300,
0.3890

402.2307, 0.3182,

 5.6380, 0.3332,

0.3461

0.4033

471.2508, 0.3179,
0.3452

■ 2.6262, 0.3378,
0.4264

■ 0.9399, 0.3768,
0.5219

■ 96.1207, 0.3214,
0.3568

■ 96.1207, 0.3214,
0.3568

■ 92.9185, 0.3293,
0.3841

99.6427, 0.3135,
0.3313

■ 90.0330, 0.3367,
0.4129

100.0000, 0.3127,
0.3290

■ 87.4497, 0.3434,
0.4423

■ 85.1558, 0.3488,
0.4712

■ 83.1373, 0.3525,
0.4983

■ 81.3791, 0.3540,
0.5222

■ 79.8637, 0.3531,
0.5416

■ 78.5707, 0.3498,
0.5556

■ 77.5660, 0.3453,
0.5640

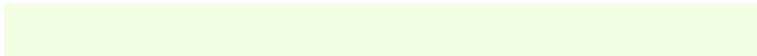
Harmonies

Analogous

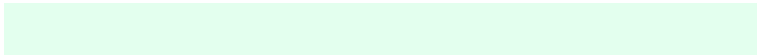
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.1207, 0.3358, 0.3567



96.1207, 0.3214, 0.3568



96.1207, 0.3050, 0.3489

Triad

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



96.1207, 0.3214, 0.3568



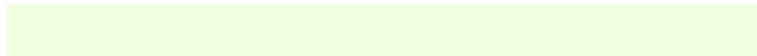
96.1207, 0.2823, 0.3081



96.1207, 0.3348, 0.3224

Complementary

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



96.1207, 0.3214, 0.3568



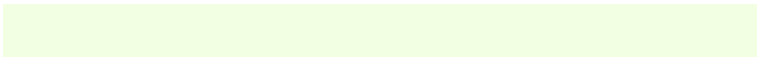
80.5443, 0.3033, 0.3010

Split Complementary

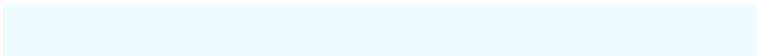
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.1207, 0.3200, 0.3103



96.1207, 0.3214, 0.3568



96.1207, 0.2898, 0.3020

Square

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



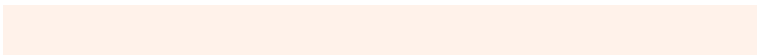
96.1207, 0.3214, 0.3568



96.1207, 0.2827, 0.3202



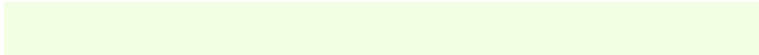
96.1207, 0.3034, 0.3029



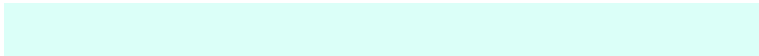
96.1207, 0.3437, 0.3365

Rectangle

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



96.1207, 0.3214, 0.3568



96.1207, 0.2951, 0.3402



96.1207, 0.3034, 0.3029



96.1207, 0.3303, 0.3180

Sweetspot

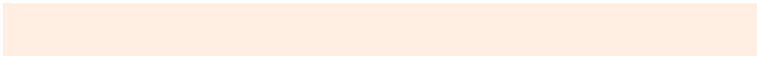
The Sweet Spot groups the original color and five complimentary colors.



96.1180, 0.3214, 0.3568



98.8981, 0.3151, 0.3364



88.3608, 0.3310, 0.3405



21.1063, 0.3157, 0.3384



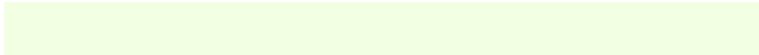
0.0000, 0.0000, 0.0000



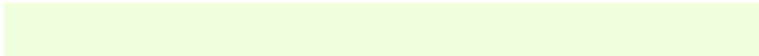
21.4041, 0.3127, 0.3290

Same Dimension

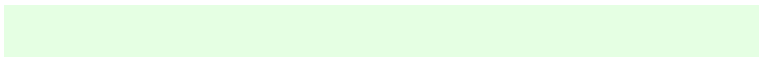
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.1180, 0.3214, 0.3568



95.4405, 0.3230, 0.3622



93.7877, 0.3128, 0.3575



20.6789, 0.3202, 0.3530



40.6198, 0.3464, 0.5631



4.0196, 0.3544, 0.5568

Inverse Universe

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



80.5443, 0.3033, 0.3010



77.2350, 0.3013, 0.2955



83.0020, 0.3124, 0.3018



17.7598, 0.3046, 0.3049



5.5792, 0.1893, 0.0816



0.6062, 0.2018, 0.0886

Previews

White Background



This preview shows how the Yxy color 96.1207, 0.3214, 0.3568 looks on a white background.

Color Contrast Check

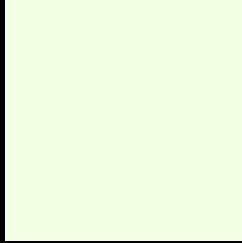
Large Text (above 18pt) WCAG AA × Fail

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 96.1207, 0.3214, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

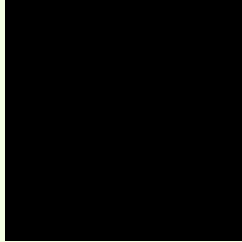
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

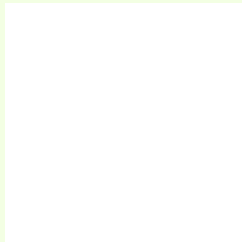
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.1207, 0.3214, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 96.1207, 0.3214, 0.3568.

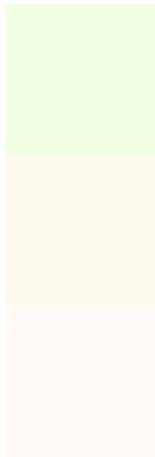


This preview shows how white text looks on a background with the Yxy color 96.1207, 0.3214, 0.3568.

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

96.1207, 0.3214, 0.3568

Protanopia

95.9225, 0.3218, 0.3387

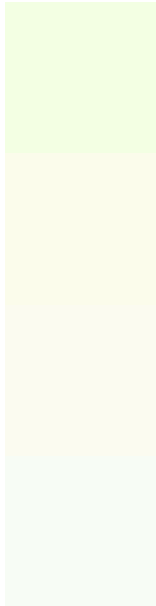
Deuteranopia

95.7887, 0.3171, 0.3300

Tritanopia

95.9152, 0.3098, 0.3242

Trichromacy



Original Color

96.1207, 0.3214, 0.3568

Protanomaly

96.1282, 0.3221, 0.3456

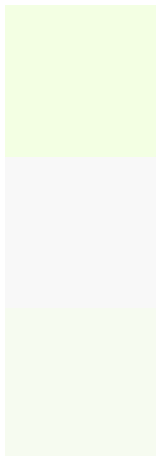
Deuteranomaly

95.7949, 0.3192, 0.3397

Tritanomaly

95.9875, 0.3137, 0.3358

Monochromacy



Original Color

96.1207, 0.3214, 0.3568

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.8785, 0.3160, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.1207, 0.3214, 0.3568 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(243, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 227)  
}
```

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(243, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 227) }
```

Border

The CSS property to change the border of an element to Yxy 96.1207, 0.3214, 0.3568 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(243, 255, 227) }
```

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

```
.border{ border-color:rgb(243, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 96.1207, 0.3214, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 227) }
```

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

```
.background{ background-color: rgb(243,  
255, 227) }
```

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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