

Converting Colors

$Yxy(95.4100, 0.3208, 0.3596)$

Have a look what the booklet for
Yxy(95.4100, 0.3208, 0.3596)
contains.

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Color

Yxy(95.4271, 0.3213, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFE0
RGB	240, 255, 224
RGB Percent	94%, 100%, 88%
CMY	0.0588, 0.0000, 0.1217
CMYK	0.06, 0.00, 0.12, 0.00
HSL	89°, 100%, 94%
HSV	89°, 12%, 100%
XYZ	85.1450, 95.4271, 84.4295
YIQ	246.9810, 1.0110, -12.8210

Conversions

Conversions Part 2

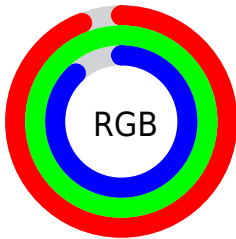
Format	Color
R_{YB}	224, 255, 239
Decimal	15794144
CIE _{Lab}	98.20, -10.26, 13.16
CIE _{LCh}	98, 16.690, 127.946
Yxy	95.4271, 0.3213, 0.3601
Android (android.graphics.Color)	4293984224 (0xFFFF0FFE0)
YUV	246.9810, -11.3296, -6.1223
Hunter-Lab	97.6868, -15.3691, 17.1371

Details

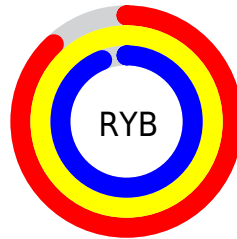
The Yxy color $95.4271, 0.3213, 0.3601$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $78.8609, 0.3033, 0.2979$, and the grayscale version is $93.0843, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $53.4431, 0.3229, 0.3662$ is the 20% darker color. If you saturate the color by 10%, you get $92.0585, 0.3282, 0.3879$, and if you desaturate by 10%, it is $99.1452, 0.3142, 0.3343$.

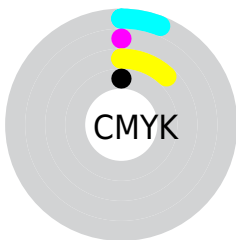
Distribution



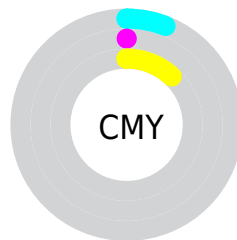
- Red (94%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (94%)



- Cyan (6%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.4271, 0.3213, 0.3601 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 95.4271, 0.3213, 0.3601 by changing the saturation by 10% instead.


 95.4271, 0.3213,
0.3601

 95.4271, 0.3213,
0.3601

545.5314, 0.3176,
0.3462

 72.4905, 0.3221,
0.3632

154.8545, 0.3201,
0.3553

 53.5595, 0.3230,
0.3669


192.1141, 0.3196,
0.3535

 38.2496, 0.3241,
0.3716


234.9169, 0.3192,
0.3519

 26.1764, 0.3255,
0.3776

283.6472, 0.3188,
0.3504

 16.9557, 0.3272,
0.3856

338.6894, 0.3185,
0.3492

 10.2029, 0.3295,
0.3966

400.4279, 0.3182,

 5.5337, 0.3324,

0.3481

0.4130

469.2471, 0.3179,
0.3471

■ 2.5637, 0.3363,
0.4394

■ 0.9084, 0.3854,
0.5714

■ 95.4271, 0.3213,
0.3601

■ 95.4271, 0.3213,
0.3601

■ 92.0585, 0.3282,
0.3879

■ 99.1452, 0.3142,
0.3343

■ 89.0342, 0.3347,
0.4172

100.0000, 0.3127,
0.3290

■ 86.3391, 0.3403,
0.4473

■ 83.9592, 0.3447,
0.4769

■ 81.8796, 0.3472,
0.5047

■ 80.0837, 0.3477,
0.5291

■ 78.5528, 0.3459,
0.5488

■ 77.2649, 0.3418,
0.5628

■ 76.4019, 0.3375,
0.5702

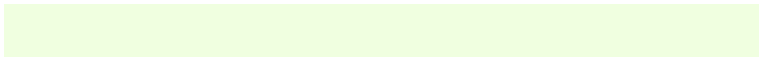
Harmonies

Analogous

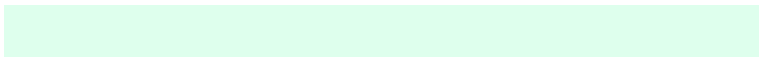
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.4271, 0.3378, 0.3605



95.4271, 0.3213, 0.3601



95.4271, 0.3028, 0.3507

Triad

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



95.4271, 0.3213, 0.3601



95.4271, 0.2788, 0.3048



95.4271, 0.3385, 0.3225

Complementary

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



95.4271, 0.3213, 0.3601



78.8609, 0.3033, 0.2979

Split Complementary

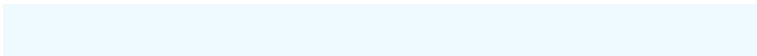
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.4271, 0.3220, 0.3087



95.4271, 0.3213, 0.3601



95.4271, 0.2877, 0.2985

Square

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



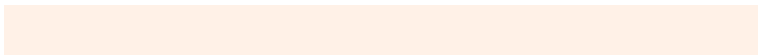
95.4271, 0.3213, 0.3601



95.4271, 0.2787, 0.3180



95.4271, 0.3034, 0.3000



95.4271, 0.3480, 0.3383

Rectangle

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



95.4271, 0.3213, 0.3601



95.4271, 0.2919, 0.3406



95.4271, 0.3034, 0.3000



95.4271, 0.3335, 0.3175

Sweetspot

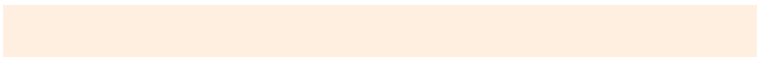
The Sweet Spot groups the original color and five complimentary colors.



95.4248, 0.3213, 0.3601



98.4370, 0.3155, 0.3389



88.3542, 0.3329, 0.3439



21.0080, 0.3161, 0.3408



0.0000, 0.0000, 0.0000



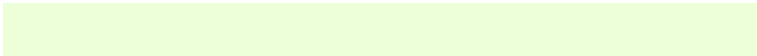
21.4041, 0.3127, 0.3290

Same Dimension

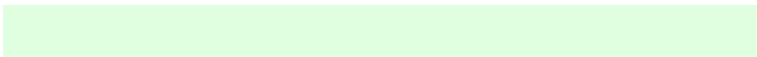
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.4248, 0.3213, 0.3601



94.4363, 0.3233, 0.3678



92.8253, 0.3115, 0.3610



20.6295, 0.3194, 0.3530



40.0110, 0.3387, 0.5693



3.9608, 0.3472, 0.5626

Inverse Universe

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



78.8609, 0.3033, 0.2979



74.4207, 0.3008, 0.2902



81.6769, 0.3138, 0.2989



17.8087, 0.3055, 0.3050



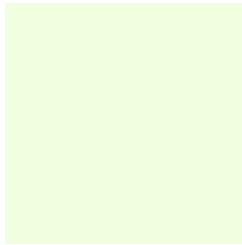
6.0722, 0.1989, 0.0869



0.6559, 0.2113, 0.0938

Previews

White Background



This preview shows how the Yxy color 95.4271, 0.3213, 0.3601 looks on a white background.

Color Contrast Check

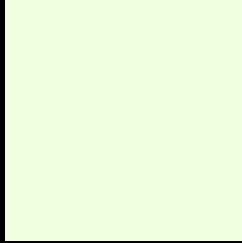
Large Text (above 18pt) WCAG AA × Fail

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 95.4271, 0.3213, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

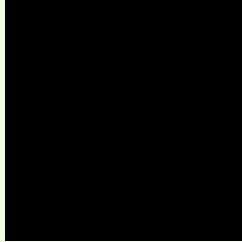
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

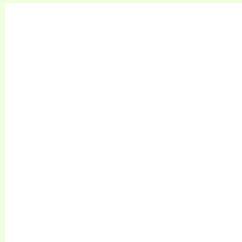
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.4271, 0.3213, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 95.4271, 0.3213, 0.3601.

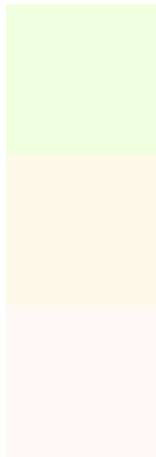


This preview shows how white text looks on a background with the Yxy color 95.4271, 0.3213, 0.3601.

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

95.4271, 0.3213, 0.3601

Protanopia

95.0675, 0.3243, 0.3416

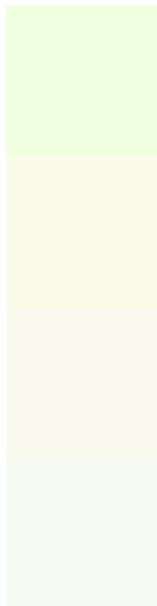
Deuteranopia

95.0486, 0.3184, 0.3309

Tritanopia

95.1111, 0.3092, 0.3232

Trichromacy



Original Color

95.4271, 0.3213, 0.3601

Protanomaly

95.1445, 0.3233, 0.3477

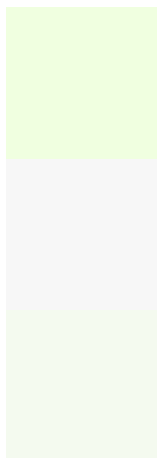
Deuteranomaly

95.4914, 0.3197, 0.3417

Tritanomaly

95.1188, 0.3137, 0.3359

Monochromacy



Original Color

95.4271, 0.3213, 0.3601

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.8363, 0.3154, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.4271, 0.3213, 0.3601 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(240, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 224)  
}
```

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(240, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 224) }
```

Border

The CSS property to change the border of an element to Yxy 95.4271, 0.3213, 0.3601 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(240, 255, 224) }
```

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

```
.border{ border-color:rgb(240, 255, 224) }
```

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

Here you see how a box with a 4 pixel rgb(240, 255, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 95.4271, 0.3213, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 224) }
```

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

```
.background{ background-color: rgb(240,  
255, 224) }
```

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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