

Converting Colors

$Yxy(95.6151, 0.3275, 0.3545)$

Have a look what the booklet for
Yxy(95.6151, 0.3275, 0.3545)
contains.

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Color

Yxy(95.6210, 0.3275, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	FBFCE2
RGB	251, 252, 226
RGB Percent	98%, 99%, 89%
CMY	0.0157, 0.0117, 0.1139
CMYK	0.00, 0.00, 0.10, 0.01
HSL	62°, 81%, 94%
HSV	62°, 10%, 99%
XYZ	88.3132, 95.6210, 85.7245
YIQ	248.7370, 7.7500, -8.2980

Conversions

Conversions Part 2

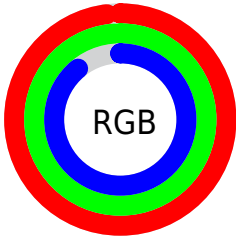
Format	Color
R_{YB}	226, 252, 227
Decimal	16514274
CIE _{Lab}	98.28, -4.69, 12.36
CIE _{LCh}	98, 13.221, 110.781
Yxy	95.6210, 0.3275, 0.3546
Android (android.graphics.Color)	4294704354 (0xFFFFBFCE2)
YUV	248.7370, -11.2093, 1.9847
Hunter-Lab	97.7860, -9.9172, 16.4734

Details

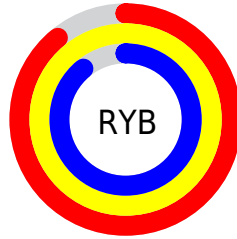
The Yxy color 95.6210, 0.3275, 0.3546 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 77.7300, 0.2971, 0.3022, and the grayscale version is 94.5924, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.4398, 0.3300, 0.3591 is the 20% darker color. If you saturate the color by 10%, you get 94.1580, 0.3421, 0.3801, and if you desaturate by 10%, it is 97.2966, 0.3132, 0.3298.

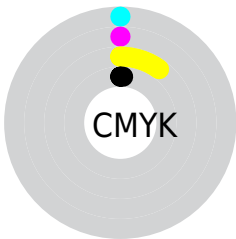
Distribution



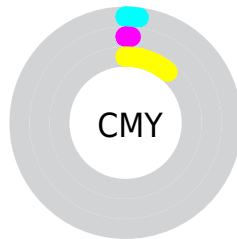
- Red (98%)
- Green (99%)
- Blue (89%)



- Red (89%)
- Yellow (99%)
- Blue (89%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)





- Cyan (2%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.6210, 0.3275, 0.3546 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 95.6210, 0.3275, 0.3546 by changing the saturation by 10% instead.


 95.6210, 0.3275,
0.3546

 95.6210, 0.3275,
0.3546


546.1511, 0.3210,
0.3432

 72.6519, 0.3289,
0.3571


155.1223, 0.3253,
0.3507

 53.6914, 0.3306,
0.3601


192.4232, 0.3245,
0.3492

 38.3550, 0.3326,
0.3639


235.2703, 0.3237,
0.3479

 26.2583, 0.3352,
0.3687

284.0479, 0.3230,
0.3467

 17.0170, 0.3386,
0.3750

339.1404, 0.3225,
0.3457

 10.2466, 0.3432,
0.3837

400.9322, 0.3219,

 5.5628, 0.3496,

0.3448

0.3963

469.8076, 0.3215,
0.3440

■ 2.5811, 0.3593,
0.4164

■ 0.9172, 0.4186,
0.5072

■ 95.6210, 0.3275,
0.3546

■ 95.6210, 0.3275,
0.3546

■ 94.1580, 0.3421,
0.3801

■ 97.2966, 0.3132,
0.3298

■ 92.8863, 0.3566,
0.4056

■ 97.7273, 0.3116,
0.3261

■ 91.8006, 0.3705,
0.4301

■ 97.9142, 0.3122,
0.3262

■ 90.8906, 0.3831,
0.4528

■ 98.1022, 0.3128,
0.3262

90.1450, 0.3938,
0.4726

98.1095, 0.3128,
0.3262

89.5512, 0.4023,
0.4885

89.0947, 0.4081,
0.5002

88.7584, 0.4113,
0.5074

88.5206, 0.4123,
0.5108

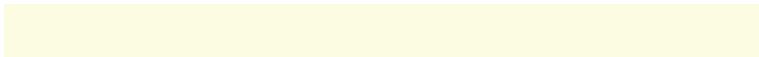
Harmonies

Analogous

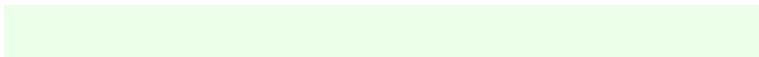
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6210, 0.3379, 0.3510



95.6210, 0.3275, 0.3546



95.6210, 0.3133, 0.3511

Triad

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



95.6210, 0.3275, 0.3546



95.6210, 0.2848, 0.3154



95.6210, 0.3261, 0.3172

Complementary

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



95.6210, 0.3275, 0.3546



77.7300, 0.2971, 0.3022

Split Complementary

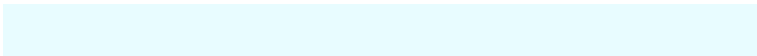
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.6210, 0.3116, 0.3082



95.6210, 0.3275, 0.3546



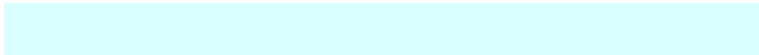
95.6210, 0.2880, 0.3069

Square

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



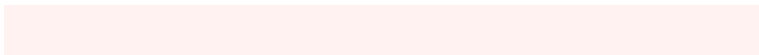
95.6210, 0.3275, 0.3546



95.6210, 0.2888, 0.3280



95.6210, 0.2977, 0.3044



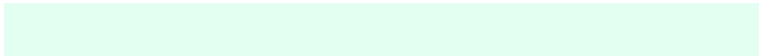
95.6210, 0.3371, 0.3293

Rectangle

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



95.6210, 0.3275, 0.3546



95.6210, 0.3036, 0.3450



95.6210, 0.2977, 0.3044



95.6210, 0.3215, 0.3138

Sweetspot

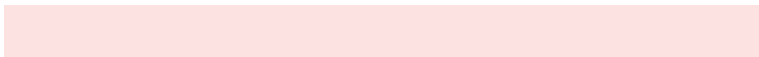
The Sweet Spot groups the original color and five complimentary colors.



95.6252, 0.3275, 0.3546



99.4599, 0.3170, 0.3363



81.0321, 0.3310, 0.3299



21.2583, 0.3181, 0.3383



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.



95.6252, 0.3275, 0.3546



97.9555, 0.3299, 0.3588



93.3162, 0.3192, 0.3553



20.1538, 0.3263, 0.3525



46.1215, 0.4125, 0.5107



4.2822, 0.4133, 0.5100

Inverse Universe

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



77.7300, 0.2971, 0.3022



76.8518, 0.2944, 0.2975



79.9010, 0.3057, 0.3029



16.6756, 0.2985, 0.3045



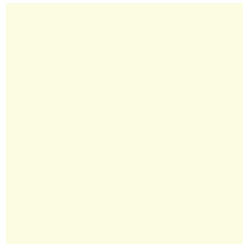
3.7091, 0.1512, 0.0606



0.3547, 0.1541, 0.0622

Previews

White Background



This preview shows how the Yxy color 95.6210, 0.3275, 0.3546 looks on a white background.

Color Contrast Check

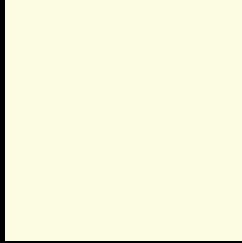
Large Text (above 18pt) WCAG AA × Fail

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 95.6210, 0.3275, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

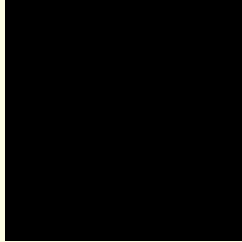
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.6210, 0.3275, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 95.6210, 0.3275, 0.3546.

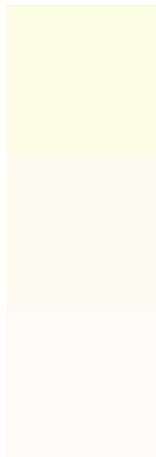


This preview shows how white text looks on a background with the Yxy color 95.6210, 0.3275, 0.3546.

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

95.6210, 0.3275, 0.3546

Protanopia

95.8043, 0.3230, 0.3406

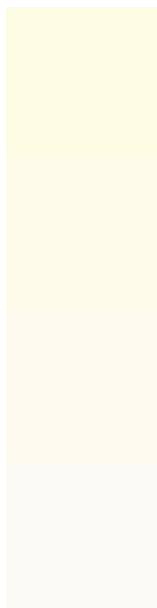
Deuteranopia

95.7268, 0.3177, 0.3309

Tritanopia

95.6668, 0.3111, 0.3232

Trichromacy



Original Color

95.6210, 0.3275, 0.3546

Protanomaly

96.0057, 0.3247, 0.3455

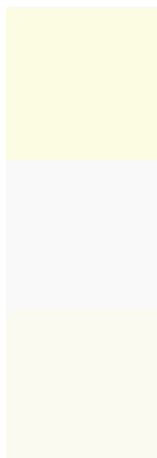
Deuteranomaly

95.6740, 0.3218, 0.3397

Tritanomaly

95.5983, 0.3175, 0.3348

Monochromacy



Original Color

95.6210, 0.3275, 0.3546

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.0461, 0.3180, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6210, 0.3275, 0.3546 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(251, 252, 226)` looks like.

```
.text, #text, p{  
    color:rgb(251, 252, 226)  
}
```

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(251, 252, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 252, 226) }
```

Border

The CSS property to change the border of an element to Yxy 95.6210, 0.3275, 0.3546 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(251, 252, 226) }
```

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

```
.border{ border-color:rgb(251, 252, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 252, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 252, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 252, 226);  
box-shadow:4px 4px 4px 4px rgb(251, 252,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6210, 0.3275, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 252, 226) }
```

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

```
.background{ background-color: rgb(251,  
252, 226) }
```

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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