

Converting Colors

$Yxy(93.6070, 0.3458, 0.3820)$

Have a look what the booklet for
Yxy(93.6070, 0.3458, 0.3820)
contains.

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Color

Yxy(93.7210, 0.3460, 0.3827)

Conversions

Conversions Part 1

Format	Color
Hex	FCFBC5
RGB	252, 251, 197
RGB Percent	99%, 98%, 77%
CMY	0.0116, 0.0157, 0.2275
CMYK	0.00, 0.00, 0.22, 0.01
HSL	59°, 90%, 88%
HSV	59°, 22%, 99%
XYZ	84.7334, 93.7210, 66.4398
YIQ	245.1430, 17.9300, -16.5820

Conversions

Conversions Part 2

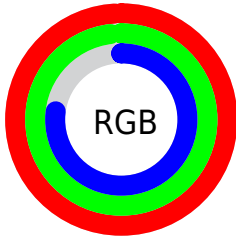
Format	Color
R_{YB}	198, 252, 197
Decimal	16579525
CIE _{Lab}	97.52, -8.09, 26.09
CIE _{LCh}	98, 27.312, 107.229
Yxy	93.7210, 0.3460, 0.3827
Android (android.graphics.Color)	4294769605 (0xFFFFCFBC5)
YUV	245.1430, -23.7345, 6.0136
Hunter-Lab	96.8096, -13.1833, 27.0764

Details

The Yxy color **93.7210, 0.3460, 0.3827** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.3129, 0.2758, 0.2690**, and the grayscale version is **91.6232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **52.6155, 0.3525, 0.3948** is the 20% darker color. If you saturate the color by 10%, you get **92.3611, 0.3614, 0.4074**, and if you desaturate by 10%, it is **95.2832, 0.3305, 0.3578**.

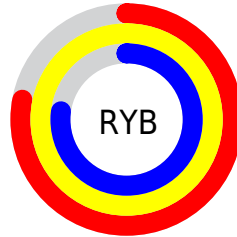
Distribution



Red (99%)

Green (98%)

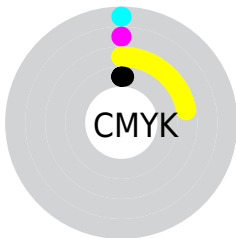
Blue (77%)



Red (78%)

Yellow (99%)

Blue (77%)

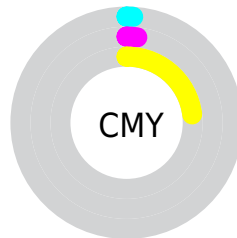


Cyan (0%)

Magenta (0%)

Yellow (22%)

Black (1%)



Cyan (1%)


Magenta (2%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.7210, 0.3460, 0.3827 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 93.7210, 0.3460, 0.3827 by changing the saturation by 10% instead.


 93.7210, 0.3460,
0.3827

 93.7210, 0.3460,
0.3827


540.0622, 0.3316,
0.3587

 71.0709, 0.3491,
0.3880

152.4964, 0.3412,
0.3745

 52.4001, 0.3527,
0.3944


189.3906, 0.3393,
0.3713

 37.3241, 0.3572,
0.4023


231.8015, 0.3376,
0.3685

 25.4585, 0.3627,
0.4124

280.1137, 0.3361,
0.3661

 16.4190, 0.3696,
0.4255

334.7114, 0.3348,
0.3639

 9.8211, 0.3786,
0.4433


395.9792, 0.3336,


 5.2805, 0.3900,


0.3620


0.4684


464.3013, 0.3325,
0.3602


 2.4128, 0.4167,
0.5211


 0.8324, 0.4163,
0.5837


 93.7210, 0.3460,
0.3827


 93.7210, 0.3460,
0.3827


 92.3611, 0.3614,
0.4074


 95.2832, 0.3305,
0.3578

 91.1813, 0.3761,
0.4309


 97.0442, 0.3154,
0.3334

 90.1755, 0.3896,
0.4523


 97.8300, 0.3110,
0.3266


 89.3322, 0.4012,
0.4706


 98.1368, 0.3110,
0.3270

 88.6385, 0.4105,
0.4849


 98.4443, 0.3110,
0.3275


 88.0797, 0.4172,
0.4949

 98.7527, 0.3109,
0.3280

 87.6379, 0.4211,
0.5005

 99.0618, 0.3109,
0.3284

 87.3422, 0.4228,
0.5025

 99.3717, 0.3109,
0.3289

 99.4456, 0.3109,
0.3290

Harmonies

Analogous

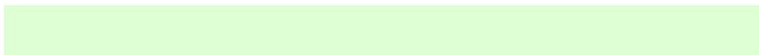
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7210, 0.3668, 0.3720



93.7210, 0.3460, 0.3827



93.7210, 0.3168, 0.3779

Triad

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



93.7210, 0.3460, 0.3827



93.7210, 0.2561, 0.3025



93.7210, 0.3369, 0.3024

Complementary

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



93.7210, 0.3460, 0.3827



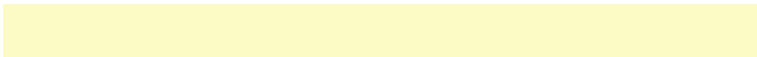
59.3129, 0.2758, 0.2690

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.



93.7210, 0.3063, 0.2857



93.7210, 0.3460, 0.3827



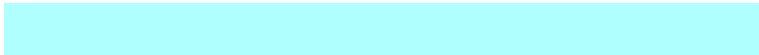
93.7210, 0.2607, 0.2847

Square

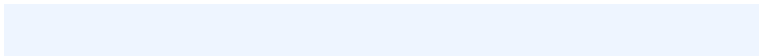
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.7210, 0.3460, 0.3827



93.7210, 0.2656, 0.3294



93.7210, 0.2786, 0.2791



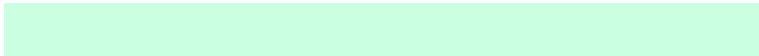
93.7210, 0.3618, 0.3257

Rectangle

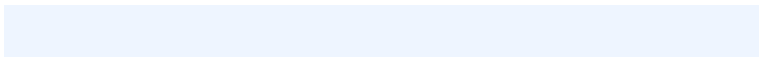
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.7210, 0.3460, 0.3827



93.7210, 0.2968, 0.3659



93.7210, 0.2786, 0.2791



93.7210, 0.3269, 0.2959

Sweetspot

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



93.7252, 0.3460, 0.3827



98.6835, 0.3232, 0.3459



64.7488, 0.3559, 0.3272



21.0991, 0.3241, 0.3474



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

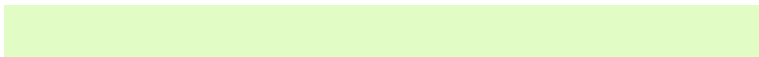
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.7252, 0.3460, 0.3827



95.6271, 0.3524, 0.3931



89.9122, 0.3286, 0.3868



20.1298, 0.3269, 0.3520



45.5022, 0.4227, 0.5026



4.2321, 0.4223, 0.5029

Inverse Universe

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



59.3129, 0.2758, 0.2690



54.8187, 0.2676, 0.2557



62.5977, 0.2937, 0.2708



16.6966, 0.2979, 0.3049



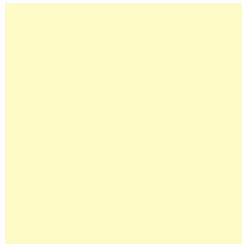
3.7402, 0.1503, 0.0612



0.3647, 0.1511, 0.0641

Previews

White Background



This preview shows how the Yxy color 93.7210, 0.3460, 0.3827 looks on a white background.

Color Contrast Check

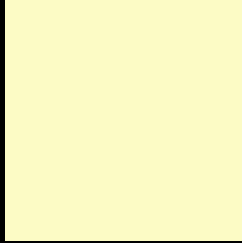
Large Text (above 18pt) WCAG AA × Fail

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 93.7210, 0.3460, 0.3827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

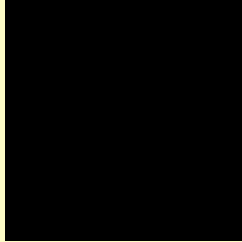
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.7210, 0.3460, 0.3827

Background



This preview shows how black text looks on a background with the Yxy color 93.7210, 0.3460, 0.3827.

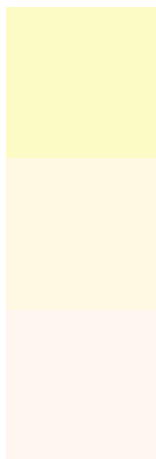


This preview shows how white text looks on a background with the Yxy color 93.7210, 0.3460, 0.3827.

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

93.7210, 0.3460, 0.3827

Protanopia

93.8858, 0.3306, 0.3505

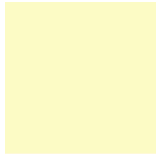
Deuteranopia

93.5224, 0.3216, 0.3339

Tritanopia

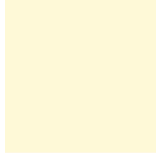
93.7848, 0.3132, 0.3194

Trichromacy



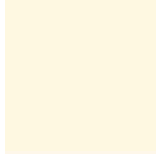
Original Color

93.7210, 0.3460, 0.3827



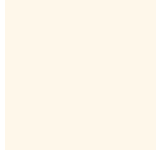
Protanomaly

93.7285, 0.3366, 0.3625



Deuteranomaly

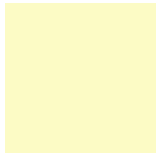
93.6419, 0.3305, 0.3516



Tritanomaly

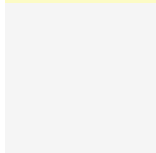
93.5329, 0.3251, 0.3417

Monochromacy



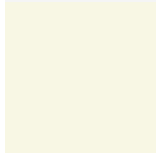
Original Color

93.7210, 0.3460, 0.3827



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.0794, 0.3248, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.7210, 0.3460, 0.3827 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(252, 251, 197)` looks like.

```
.text, #text, p{  
    color:rgb(252, 251, 197)  
}
```

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(252, 251, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 251, 197) }
```

Border

The CSS property to change the border of an element to Yxy 93.7210, 0.3460, 0.3827 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(252, 251, 197) }
```

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

```
.border{ border-color:rgb(252, 251, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 251, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 251, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 251, 197);  
box-shadow:4px 4px 4px 4px rgb(252, 251,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 93.7210, 0.3460, 0.3827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 251, 197) }
```

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

```
.background{ background-color: rgb(252,  
251, 197) }
```

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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