

Converting Colors

$Yxy(96.4648, 0.3280, 0.3508)$

Have a look what the booklet for
Yxy(96.4648, 0.3280, 0.3508)
contains.

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Color

Yxy(96.5380, 0.3283, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCE5
RGB	255, 252, 229
RGB Percent	100%, 99%, 90%
CMY	0.0000, 0.0117, 0.1020
CMYK	0.00, 0.01, 0.10, 0.00
HSL	53°, 100%, 95%
HSV	53°, 10%, 100%
XYZ	90.1919, 96.5380, 87.9941
YIQ	250.2750, 9.1710, -6.5170

Conversions

Conversions Part 2

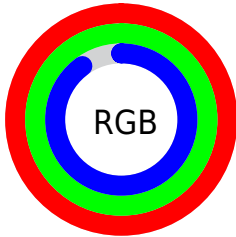
Format	Color
R _Y B	232, 255, 229
Decimal	16776421
CIE Lab	98.65, -2.82, 11.37
CIE LCh	99, 11.718, 103.949
Yxy	96.5380, 0.3283, 0.3514
Android (android.graphics.Color)	4294966501 (0xFFFFFCE5)
YUV	250.2750, -10.4886, 4.1438
Hunter-Lab	98.2538, -8.0903, 15.6787

Details

The Yxy color **96.5380, 0.3283, 0.3514** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.5739, 0.2967, 0.3056**, and the grayscale version is **95.9211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.0920, 0.3311, 0.3550** is the 20% darker color. If you saturate the color by 10%, you get **93.3919, 0.3444, 0.3741**, and if you desaturate by 10%, it is **99.9286, 0.3130, 0.3294**.

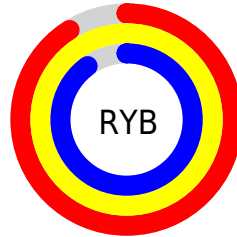
Distribution



Red (100%)

Green (99%)

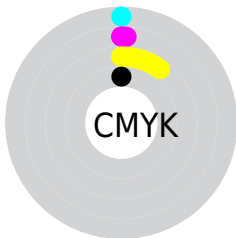
Blue (90%)



Red (91%)

Yellow (100%)

Blue (90%)

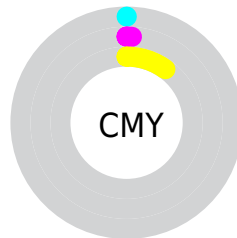


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.5380, 0.3283, 0.3514 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 96.5380, 0.3283, 0.3514 by changing the saturation by 10% instead.


 96.5380, 0.3283,
0.3514

 96.5380, 0.3283,
0.3514


549.0771, 0.3215,
0.3415

 73.4157, 0.3298,
0.3536


156.3877, 0.3260,
0.3480

 54.3160, 0.3316,
0.3562

193.8839, 0.3251,
0.3467

 38.8543, 0.3338,
0.3594


236.9402, 0.3243,
0.3456

 26.6464, 0.3365,
0.3636

285.9410, 0.3236,
0.3446

 17.3078, 0.3401,
0.3690

341.2707, 0.3230,
0.3437

 10.4542, 0.3450,
0.3764

403.3137, 0.3224,

 5.7011, 0.3520,

0.3429

0.3871

472.4544, 0.3219,
0.3421

■ 2.6642, 0.3626,
0.4040

■ 0.9591, 0.4108,
0.4686

■ 96.5380, 0.3283,
0.3514

■ 96.5380, 0.3283,
0.3514

■ 93.3919, 0.3444,
0.3741

99.9286, 0.3130,
0.3294

■ 90.4708, 0.3609,
0.3968

100.0000, 0.3127,
0.3290

■ 87.7683, 0.3773,
0.4189

■ 85.2736, 0.3932,
0.4393

■ 82.9751, 0.4076,
0.4571

■ 80.8597, 0.4201,
0.4713

■ 78.9124, 0.4300,
0.4811

■ 77.1153, 0.4371,
0.4863

■ 75.4722, 0.4416,
0.4876

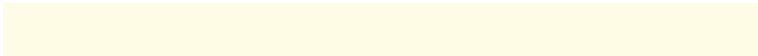
Harmonies

Analogous

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



96.5380, 0.3363, 0.3469



96.5380, 0.3283, 0.3514



96.5380, 0.3162, 0.3497

Triad

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



96.5380, 0.3283, 0.3514



96.5380, 0.2882, 0.3193



96.5380, 0.3218, 0.3164

Complementary

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



96.5380, 0.3283, 0.3514



81.5739, 0.2967, 0.3056

Split Complementary

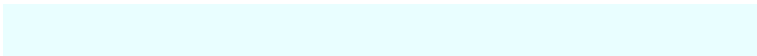
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.5380, 0.3088, 0.3094



96.5380, 0.3283, 0.3514



96.5380, 0.2896, 0.3108

Square

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



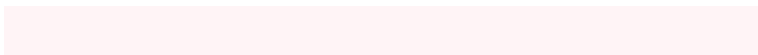
96.5380, 0.3283, 0.3514



96.5380, 0.2932, 0.3308



96.5380, 0.2971, 0.3073



96.5380, 0.3325, 0.3268

Rectangle

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



96.5380, 0.3283, 0.3514



96.5380, 0.3076, 0.3452



96.5380, 0.2971, 0.3073



96.5380, 0.3175, 0.3136

Sweetspot

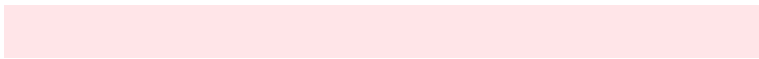
The Sweet Spot groups the original color and five complimentary colors.



96.5414, 0.3283, 0.3514



98.9569, 0.3172, 0.3355



83.1157, 0.3288, 0.3260



21.1220, 0.3184, 0.3372



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.



96.5414, 0.3283, 0.3514



95.9583, 0.3311, 0.3554



96.5933, 0.3216, 0.3547



20.7128, 0.3272, 0.3498



39.5782, 0.4411, 0.4879



3.9506, 0.4383, 0.4902

Inverse Universe

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



81.5739, 0.2967, 0.3056



78.5740, 0.2937, 0.3011



81.5915, 0.3032, 0.3030



17.7141, 0.2979, 0.3073



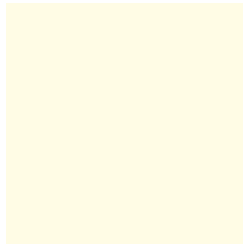
4.3464, 0.1523, 0.0681



0.5265, 0.1562, 0.0824

Previews

White Background



This preview shows how the Yxy color 96.5380, 0.3283, 0.3514 looks on a white background.

Color Contrast Check

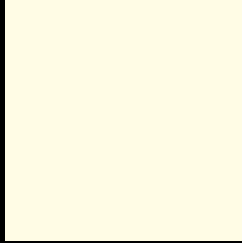
Large Text (above 18pt) WCAG AA × Fail

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 96.5380, 0.3283, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

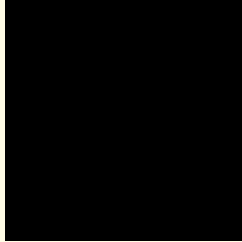
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.5380, 0.3283, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 96.5380, 0.3283, 0.3514.



This preview shows how white text looks on a background with the Yxy color 96.5380, 0.3283, 0.3514.

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

96.5380, 0.3283, 0.3514

Protanopia

96.6652, 0.3206, 0.3377

Deuteranopia

96.4708, 0.3165, 0.3300

Tritanopia

96.4739, 0.3117, 0.3242

Trichromacy



Original Color

96.5380, 0.3283, 0.3514

Protanomaly

96.3688, 0.3236, 0.3426

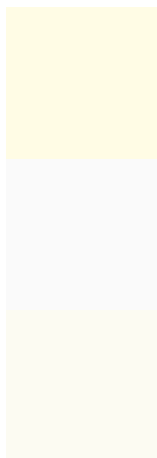
Deuteranomaly

96.6652, 0.3206, 0.3377

Tritanomaly

96.7190, 0.3176, 0.3338

Monochromacy



Original Color

96.5380, 0.3283, 0.3514

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

96.1006, 0.3186, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.5380, 0.3283, 0.3514 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(255, 252, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 229)  
}
```

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(255, 252, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 229) }
```

Border

The CSS property to change the border of an element to Yxy 96.5380, 0.3283, 0.3514 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(255, 252, 229) }
```

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

```
.border{ border-color:rgb(255, 252, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 96.5380, 0.3283, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 229) }
```

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

```
.background{ background-color: rgb(255,  
252, 229) }
```

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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