

Converting Colors

Yxy(96.7896, 0.3265, 0.3510)

Have a look what the booklet for
Yxy(96.7896, 0.3265, 0.3510)
contains.

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Color

Yxy(96.8464, 0.3263, 0.3514)

Conversions

Conversions Part 1	
Format	Color
Hex	FDFDE6
RGB	253, 253, 230
RGB Percent	99%, 99%, 90%
CMY	0.0077, 0.0079, 0.0980
CMYK	0.00, 0.00, 0.09, 0.01
HSL	60°, 85%, 95%
HSV	60°, 9%, 99%
XYZ	89.9288, 96.8464, 88.8264
YIQ	250.3780, 7.3830, -7.1530

Conversions

Conversions Part 2

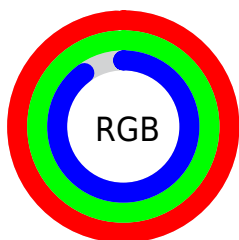
Format	Color
RYB	230, 253, 230
Decimal	16645606
CIELab	98.77, -3.83, 11.00
CIELCh	99, 11.645, 109.195
Yxy	96.8464, 0.3263, 0.3514
Android (android.graphics.Color)	4294835686 (0xFFFFDFDE6)
YUV	250.3780, -10.0464, 2.2995
Hunter-Lab	98.4106, -9.1030, 15.3716

Details

The Yxy color 96.8464, 0.3263, 0.3514 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 80.5497, 0.2985, 0.3056, and the grayscale version is 96.0151, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.2716, 0.3293, 0.3564 is the 20% darker color. If you saturate the color by 10%, you get 95.4963, 0.3416, 0.3766, and if you desaturate by 10%, it is 98.3907, 0.3116, 0.3271.

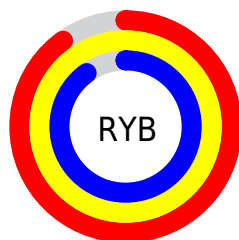
Distribution



Red (99%)

Green (99%)

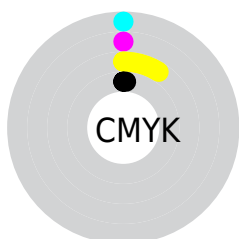
Blue (90%)



Red (90%)

Yellow (99%)

Blue (90%)

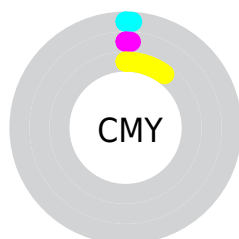


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (1%)



Cyan (1%)


Magenta (1%)


Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.8464, 0.3263, 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 96.8464, 0.3263, 0.3514 by changing the saturation by 10% instead.


 96.8464, 0.3263,
0.3514

 96.8464, 0.3263,
0.3514


550.0593, 0.3204,
0.3415

 73.6727, 0.3276,
0.3536

156.8130, 0.3243,
0.3480

 54.5262, 0.3291,
0.3562

194.3747, 0.3235,
0.3467

 39.0225, 0.3310,
0.3595


237.5012, 0.3228,
0.3456

 26.7772, 0.3334,
0.3636

286.5769, 0.3222,
0.3445

 17.4060, 0.3365,
0.3690

341.9861, 0.3217,
0.3436

 10.5244, 0.3407,
0.3765


404.1134, 0.3212,


 5.7480, 0.3467,


0.3428

0.3874

473.3429, 0.3208,
0.3421

 2.6925, 0.3557,
0.4045


 0.9734, 0.3966,
0.4656


 96.8464, 0.3263,
0.3514


 96.8464, 0.3263,
0.3514


 95.4963, 0.3416,
0.3766


 98.3907, 0.3116,
0.3271

 94.3396, 0.3569,
0.4018


 98.4248, 0.3116,
0.3272

 93.3709, 0.3716,
0.4261


 98.4589, 0.3116,
0.3272

 92.5799, 0.3851,
0.4484


 98.4930, 0.3116,
0.3273

 91.9555, 0.3969,
0.4678


98.5272, 0.3116,
0.3273

 91.4850, 0.4065,
0.4834


98.5613, 0.3116,
0.3274

 91.1542, 0.4134,
0.4947

98.5955, 0.3116,
0.3274

 90.9460, 0.4176,
0.5016

98.6296, 0.3116,
0.3275

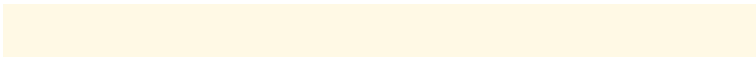
 90.8351, 0.4196,
0.5048

98.6638, 0.3116,
0.3275

Harmonies

Analogous

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



96.8464, 0.3351, 0.3480



96.8464, 0.3263, 0.3514



96.8464, 0.3139, 0.3486

Triad

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



96.8464, 0.3263, 0.3514



96.8464, 0.2882, 0.3176



96.8464, 0.3239, 0.3181

Complementary

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



96.8464, 0.3263, 0.3514



80.5497, 0.2985, 0.3056

Split Complementary

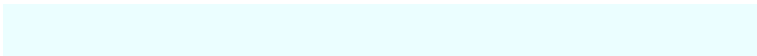
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.8464, 0.3111, 0.3104



96.8464, 0.3263, 0.3514



96.8464, 0.2907, 0.3099

Square

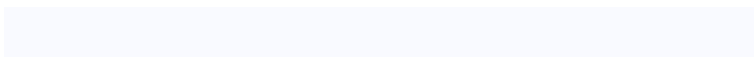
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



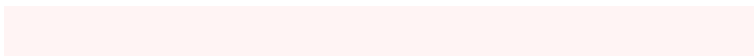
96.8464, 0.3263, 0.3514



96.8464, 0.2921, 0.3288



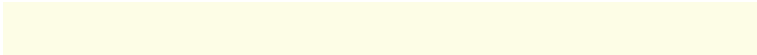
96.8464, 0.2990, 0.3074



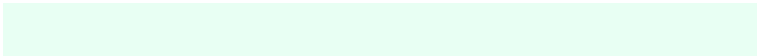
96.8464, 0.3337, 0.3287

Rectangle

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



96.8464, 0.3263, 0.3514



96.8464, 0.3054, 0.3435



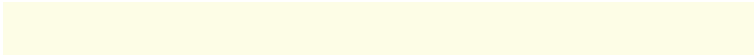
96.8464, 0.2990, 0.3074



96.8464, 0.3197, 0.3151

Sweetspot

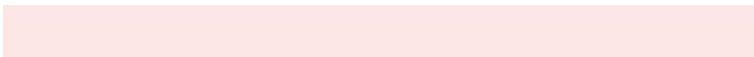
The Sweet Spot groups the original color and five complimentary colors.



96.8506, 0.3263, 0.3514



99.5066, 0.3171, 0.3363



83.2284, 0.3284, 0.3287



21.2710, 0.3183, 0.3383



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

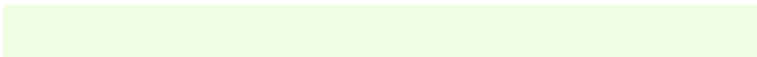
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.8506, 0.3263, 0.3514



98.2851, 0.3292, 0.3562



94.8529, 0.3191, 0.3519



21.0837, 0.3269, 0.3524



48.3015, 0.4197, 0.5050



4.7050, 0.4196, 0.5050

Inverse Universe

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



80.5497, 0.2985, 0.3056



78.4863, 0.2953, 0.3003



82.4231, 0.3058, 0.3060



17.3840, 0.2978, 0.3045



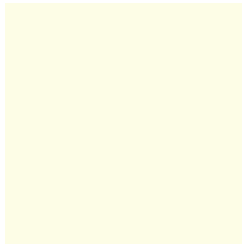
3.7815, 0.1501, 0.0601



0.3703, 0.1501, 0.0604

Previews

White Background



This preview shows how the Yxy color 96.8464, 0.3263, 0.3514 looks on a white background.

Color Contrast Check

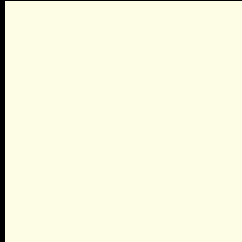
Large Text (above 18pt) WCAG AA × Fail

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 96.8464, 0.3263, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

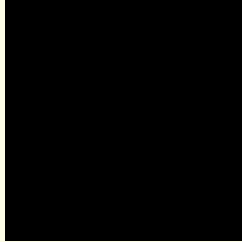
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.8464, 0.3263, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 96.8464, 0.3263, 0.3514.

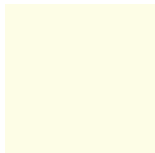


This preview shows how white text looks on a background with the Yxy color 96.8464, 0.3263, 0.3514.

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

96.8464, 0.3263, 0.3514



Protanopia

96.7860, 0.3194, 0.3357

Deuteranopia

97.0939, 0.3164, 0.3309

Tritanopia

97.0970, 0.3116, 0.3252

Trichromacy

	Original Color 96.8464, 0.3263, 0.3514
	Protanomaly 96.9236, 0.3216, 0.3416
	Deuteranomaly 97.1024, 0.3199, 0.3387
	Tritanomaly 97.1573, 0.3169, 0.3348

Monochromacy

	Original Color 96.8464, 0.3263, 0.3514
	Achromatopsia 95.5973, 0.3127, 0.3290
	Achromatomaly 95.9747, 0.3174, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.8464, 0.3263, 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(253, 253, 230)` looks like.

```
.text, #text, p{  
    color:rgb(253, 253, 230)  
}
```

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(253, 253, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 253, 230) }
```

Border

The CSS property to change the border of an element to Yxy 96.8464, 0.3263, 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(253, 253, 230) }
```

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

```
.border{ border-color:rgb(253, 253, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 253, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 253, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 253, 230);  
box-shadow:4px 4px 4px 4px rgb(253, 253,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 96.8464, 0.3263, 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(253, 253, 230) }
```

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

```
.background{ background-color: rgb(253,  
253, 230) }
```

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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