

Converting Colors

$Yxy(97.6127, 0.3210, 0.3416)$

Have a look what the booklet for
Yxy(97.6127, 0.3210, 0.3416)
contains.

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Color

Yxy(97.6127, 0.3210, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	FEFDF0
RGB	254, 253, 240
RGB Percent	100%, 99%, 94%
CMY	0.0038, 0.0078, 0.0590
CMYK	0.00, 0.00, 0.06, 0.00
HSL	56°, 88%, 97%
HSV	56°, 6%, 100%
XYZ	91.7262, 97.6127, 96.4125
YIQ	251.8170, 4.7690, -3.8310

Conversions

Conversions Part 2

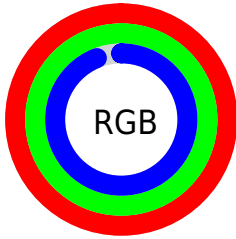
Format	Color
R _Y B	241, 254, 240
Decimal	16711152
CIE Lab	99.07, -1.88, 6.34
CIE LCh	99, 6.616, 106.521
Yxy	97.6127, 0.3210, 0.3416
Android (android.graphics.Color)	4294901232 (0xFFFEFD0)
YUV	251.8170, -5.8258, 1.9145
Hunter-Lab	98.7991, -7.1771, 11.3016

Details

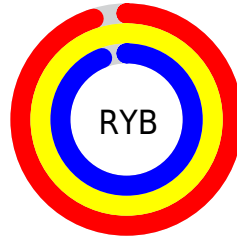
The Yxy color 97.6127, 0.3210, 0.3416 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.5704, 0.3043, 0.3161, and the grayscale version is 97.2340, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.8109, 0.3225, 0.3438 is the 20% darker color. If you saturate the color by 10%, you get 95.0611, 0.3365, 0.3650, and if you desaturate by 10%, it is 99.7097, 0.3121, 0.3288.

Distribution



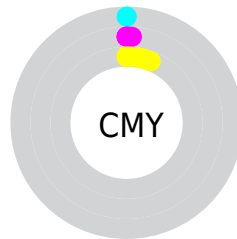
- Red (100%)
- Green (99%)
- Blue (94%)



- Red (95%)
- Yellow (100%)
- Blue (94%)



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




- Cyan (0%)
- Magenta (1%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.6127, 0.3210, 0.3416 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 97.6127, 0.3210, 0.3416 by changing the saturation by 10% instead.


 97.6127, 0.3210,
0.3416

 97.6127, 0.3210,
0.3416

552.4959, 0.3174,
0.3361

 74.3114, 0.3218,
0.3428


157.8693, 0.3198,
0.3397

 55.0490, 0.3227,
0.3443


195.5933, 0.3193,
0.3390

 39.4409, 0.3239,
0.3461


238.8938, 0.3189,
0.3383

 27.1029, 0.3254,
0.3484

288.1551, 0.3185,
0.3378

 17.6505, 0.3273,
0.3514

343.7615, 0.3182,
0.3373

 10.6994, 0.3299,
0.3555

406.0975, 0.3179,

 5.8651, 0.3337,

0.3368

0.3615

475.5475, 0.3176,
0.3364

■ 2.7632, 0.3395,
0.3709

■ 1.0094, 0.3542,
0.3929

■ 97.6127, 0.3210,
0.3416

■ 97.6127, 0.3210,
0.3416

■ 95.0611, 0.3365,
0.3650

99.7097, 0.3121,
0.3288

■ 92.7189, 0.3525,
0.3888

99.8143, 0.3121,
0.3290

■ 90.5810, 0.3684,
0.4121

■ 88.6373, 0.3838,
0.4342

■ 86.8767, 0.3979,
0.4539

■ 85.2872, 0.4102,
0.4703

■ 83.8548, 0.4200,
0.4826

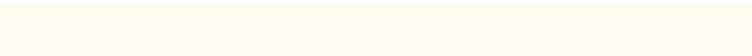
■ 82.5637, 0.4271,
0.4905

■ 81.3938, 0.4314,
0.4940

Harmonies

Analogous

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



97.6127, 0.3257, 0.3395



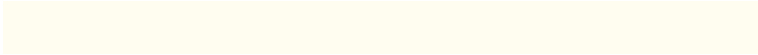
97.6127, 0.3210, 0.3416



97.6127, 0.3141, 0.3403

Triad

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



97.6127, 0.3210, 0.3416



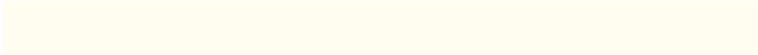
97.6127, 0.2988, 0.3232



97.6127, 0.3184, 0.3223

Complementary

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



97.6127, 0.3210, 0.3416



88.5704, 0.3043, 0.3161

Split Complementary

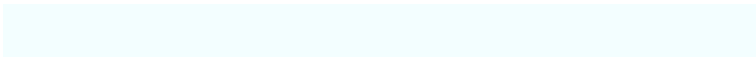
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.6127, 0.3112, 0.3181



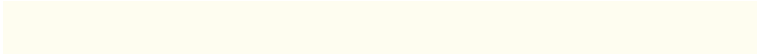
97.6127, 0.3210, 0.3416



97.6127, 0.2999, 0.3185

Square

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



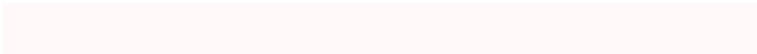
97.6127, 0.3210, 0.3416



97.6127, 0.3014, 0.3295



97.6127, 0.3044, 0.3167



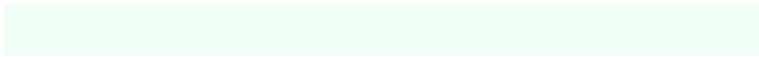
97.6127, 0.3242, 0.3283

Rectangle

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



97.6127, 0.3210, 0.3416



97.6127, 0.3093, 0.3376



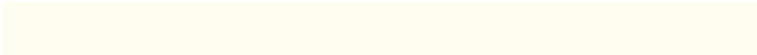
97.6127, 0.3044, 0.3167



97.6127, 0.3161, 0.3207

Sweetspot

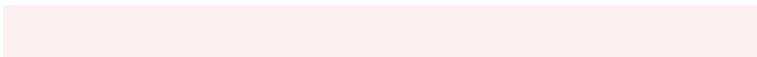
The Sweet Spot groups the original color and five complimentary colors.



97.6169, 0.3210, 0.3416



99.4415, 0.3157, 0.3335



89.7300, 0.3213, 0.3279



21.2905, 0.3155, 0.3333



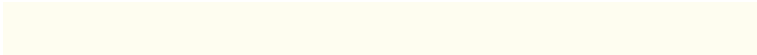
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



97.6169, 0.3210, 0.3416



98.0850, 0.3232, 0.3450



97.1700, 0.3172, 0.3427



20.9600, 0.3242, 0.3464



42.7370, 0.4325, 0.4948



4.2255, 0.4309, 0.4961

Inverse Universe

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



88.5704, 0.3043, 0.3161



86.6540, 0.3019, 0.3125



89.0138, 0.3080, 0.3152



18.3133, 0.3010, 0.3110



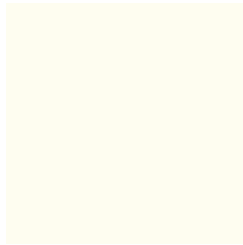
4.0809, 0.1512, 0.0644



0.4671, 0.1540, 0.0743

Previews

White Background



This preview shows how the Yxy color 97.6127, 0.3210, 0.3416 looks on a white background.

Color Contrast Check

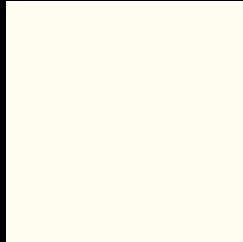
Large Text (above 18pt) WCAG AA × Fail

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 97.6127, 0.3210, 0.3416 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 97.6127, 0.3210, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 97.6127, 0.3210, 0.3416.



This preview shows how white text looks on a background with the Yxy color 97.6127, 0.3210, 0.3416.

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

A vertical grid of three color swatches. The top swatch is a pale yellow, the middle is a light orange, and the bottom is a light peach. Each swatch is followed by text describing the color and its simulation values.

Original Color

97.6127, 0.3210, 0.3416

Protanopia

97.6581, 0.3169, 0.3328

Deuteranopia

97.8458, 0.3152, 0.3300

Tritanopia

97.7235, 0.3116, 0.3261

Trichromacy

Original Color

97.6127, 0.3210, 0.3416

Protanomaly

97.4734, 0.3187, 0.3357

Deuteranomaly

97.5962, 0.3175, 0.3338

Tritanomaly

97.4056, 0.3145, 0.3309

Monochromacy

Original Color

97.6127, 0.3210, 0.3416

Achromatopsia

97.3445, 0.3127, 0.3290

Achromatomaly

97.2808, 0.3157, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.6127, 0.3210, 0.3416 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(254, 253, 240)` looks like.

```
.text, #text, p{  
    color:rgb(254, 253, 240)  
}
```

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(254, 253, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 253, 240) }
```

Border

The CSS property to change the border of an element to Yxy 97.6127, 0.3210, 0.3416 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(254, 253, 240) }
```

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

```
.border{ border-color:rgb(254, 253, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 253, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 253, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 253, 240);  
box-shadow:4px 4px 4px 4px rgb(254, 253,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 97.6127, 0.3210, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 253, 240) }
```

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

```
.background{ background-color: rgb(254,  
253, 240) }
```

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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