

Converting Colors

Yxy(201.1883, 0.3129, 0.4498)

Have a look what the booklet for
Yxy(201.1883, 0.3129, 0.4498)
contains.

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Color

Yxy(96.6456, 0.3210, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFE6
RGB	245, 255, 230
RGB Percent	96%, 100%, 90%
CMY	0.0390, 0.0000, 0.0981
CMYK	0.04, 0.00, 0.10, 0.00
HSL	84°, 100%, 95%
HSV	84°, 10%, 100%
XYZ	87.7106, 96.6456, 88.8855
YIQ	249.1600, 2.0650, -9.8950

Conversions

Conversions Part 2

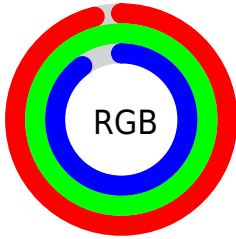
Format	Color
R _Y B	230, 255, 240
Decimal	16121830
CIE Lab	98.69, -7.56, 10.82
CIE LCh	99, 13.197, 124.930
Yxy	96.6456, 0.3210, 0.3537
Android (android.graphics.Color)	4294311910 (0xFFFF5FFE6)
YUV	249.1600, -9.4459, -3.6483
Hunter-Lab	98.3085, -12.7826, 15.2089

Details

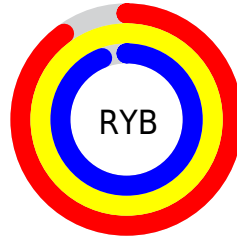
The Yxy color **96.6456, 0.3210, 0.3537** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.3208, 0.3038, 0.3041**, and the grayscale version is **94.9556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.2630, 0.3233, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **93.5459, 0.3294, 0.3807**, and if you desaturate by 10%, it is **99.9955, 0.3127, 0.3290**.

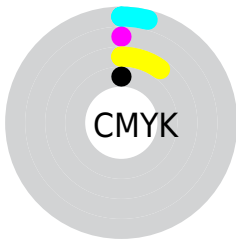
Distribution



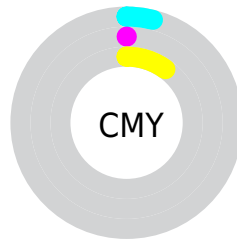
- Red (96%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (94%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.6456, 0.3210, 0.3537 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 96.6456, 0.3210, 0.3537 by changing the saturation by 10% instead.


 96.6456, 0.3210,
0.3537

 96.6456, 0.3210,
0.3537


549.4199, 0.3174,
0.3427

 73.5054, 0.3218,
0.3561

156.5361, 0.3198,
0.3500

 54.3893, 0.3227,
0.3591


194.0552, 0.3193,
0.3485

 38.9130, 0.3238,
0.3627

237.1360, 0.3189,
0.3472

 26.6920, 0.3252,
0.3674

286.1629, 0.3185,
0.3461

 17.3421, 0.3270,
0.3736

341.5204, 0.3182,
0.3451

 10.4787, 0.3293,
0.3821

403.5928, 0.3179,

 5.7175, 0.3326,

0.3442

0.3946

472.7645, 0.3177,
0.3434

■ 2.6741, 0.3373,
0.4146

■ 0.9640, 0.3677,
0.4857

■ 96.6456, 0.3210,
0.3537

■ 96.6456, 0.3210,
0.3537

■ 93.5459, 0.3294,
0.3807

99.9955, 0.3127,
0.3290

■ 90.7409, 0.3375,
0.4091

■ 88.2233, 0.3449,
0.4380

■ 85.9811, 0.3511,
0.4666

■ 84.0010, 0.3555,
0.4934

■ 82.2683, 0.3578,
0.5171

■ 80.7664, 0.3576,
0.5365

■ 79.4759, 0.3550,
0.5506

■ 78.3668, 0.3504,
0.5599

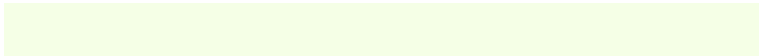
Harmonies

Analogous

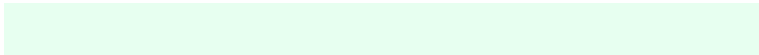
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.6456, 0.3336, 0.3534



96.6456, 0.3210, 0.3537



96.6456, 0.3064, 0.3470

Triad

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



96.6456, 0.3210, 0.3537



96.6456, 0.2855, 0.3108



96.6456, 0.3319, 0.3227

Complementary

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



96.6456, 0.3210, 0.3537



82.3208, 0.3038, 0.3041

Split Complementary

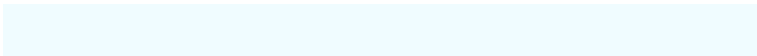
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.6456, 0.3186, 0.3120



96.6456, 0.3210, 0.3537



96.6456, 0.2920, 0.3051

Square

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



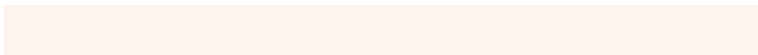
96.6456, 0.3210, 0.3537



96.6456, 0.2862, 0.3218



96.6456, 0.3040, 0.3056



96.6456, 0.3400, 0.3352

Rectangle

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



96.6456, 0.3210, 0.3537



96.6456, 0.2975, 0.3394



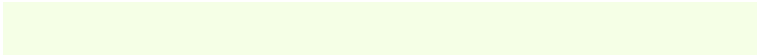
96.6456, 0.3040, 0.3056



96.6456, 0.3279, 0.3188

Sweetspot

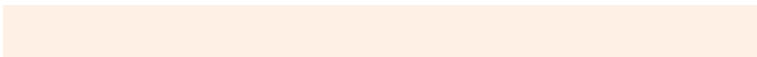
The Sweet Spot groups the original color and five complimentary colors.



96.6498, 0.3210, 0.3537



98.9447, 0.3152, 0.3364



89.0411, 0.3290, 0.3385



21.1189, 0.3159, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

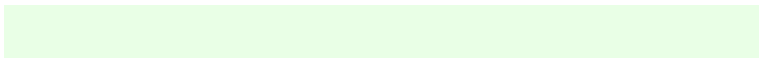
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.6498, 0.3210, 0.3537



95.9485, 0.3229, 0.3595



94.5361, 0.3133, 0.3543



20.7093, 0.3207, 0.3529



41.0294, 0.3514, 0.5592



4.0584, 0.3590, 0.5532

Inverse Universe

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



82.3208, 0.3038, 0.3041



78.6767, 0.3016, 0.2982



84.5171, 0.3119, 0.3047



17.7301, 0.3041, 0.3049



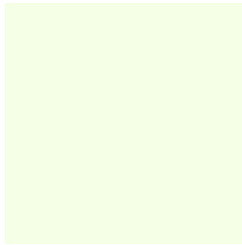
5.3110, 0.1838, 0.0786



0.5785, 0.1964, 0.0856

Previews

White Background



This preview shows how the Yxy color 96.6456, 0.3210, 0.3537 looks on a white background.

Color Contrast Check

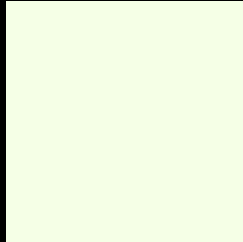
Large Text (above 18pt) WCAG AA × Fail

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 96.6456, 0.3210, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

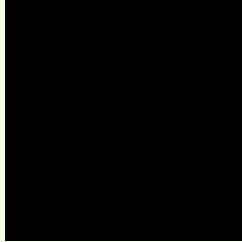
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

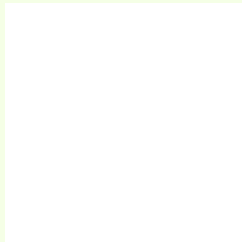
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.6456, 0.3210, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 96.6456, 0.3210, 0.3537.

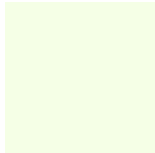


This preview shows how white text looks on a background with the Yxy color 96.6456, 0.3210, 0.3537.

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

96.6456, 0.3210, 0.3537



Protanopia

96.6652, 0.3206, 0.3377

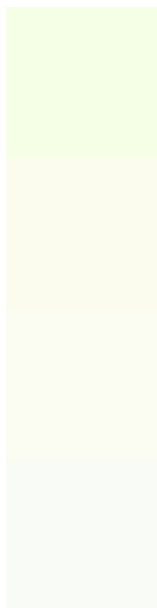
Deuteranopia

96.4708, 0.3165, 0.3300

Tritanopia

96.7236, 0.3104, 0.3252

Trichromacy



Original Color

96.6456, 0.3210, 0.3537

Protanomaly

96.3031, 0.3203, 0.3426

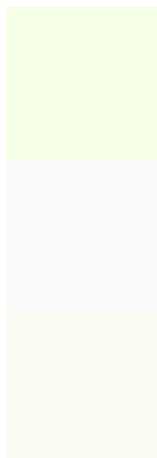
Deuteranomaly

96.5408, 0.3179, 0.3387

Tritanomaly

96.4144, 0.3143, 0.3348

Monochromacy



Original Color

96.6456, 0.3210, 0.3537

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.3616, 0.3161, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.6456, 0.3210, 0.3537 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(245, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 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(245, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 230) }
```

Border

The CSS property to change the border of an element to Yxy 96.6456, 0.3210, 0.3537 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(245, 255, 230) }
```

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

```
.border{ border-color:rgb(245, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 255, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 255, 230); box-shadow:4px 4px 4px 4px rgb(245, 255, 230) }
```


Background

The CSS property to change the background color of an element to Yxy 96.6456, 0.3210, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 230) }
```

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

```
.background{ background-color: rgb(245,  
255, 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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