

Converting Colors

$Yxy(96.1721, 0.3349, 0.3737)$

Have a look what the booklet for
Yxy(96.1721, 0.3349, 0.3737)
contains.

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Color

Yxy(96.1296, 0.3347, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFD2
RGB	248, 255, 210
RGB Percent	97%, 100%, 82%
CMY	0.0276, 0.0000, 0.1763
CMYK	0.03, 0.00, 0.18, 0.00
HSL	69°, 100%, 91%
HSV	69°, 18%, 100%
XYZ	86.0973, 96.1296, 75.0104
YIQ	247.7770, 10.2730, -15.4790

Conversions

Conversions Part 2

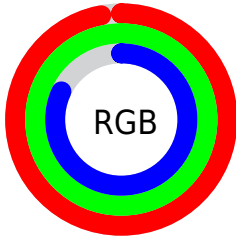
Format	Color
R_{YB}	210, 255, 217
Decimal	16318418
CIE _{Lab}	98.48, -9.68, 20.75
CIE _{LCh}	98, 22.894, 115.006
Yxy	96.1296, 0.3347, 0.3737
Android (android.graphics.Color)	4294508498 (0xFFFF8FFD2)
YUV	247.7770, -18.6241, 0.1956
Hunter-Lab	98.0457, -14.8329, 23.2718

Details

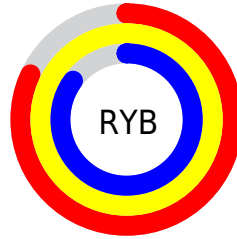
The Yxy color **96.1296, 0.3347, 0.3737** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **68.0924, 0.2883, 0.2815**, and the grayscale version is **93.8191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.8311, 0.3392, 0.3836** is the 20% darker color. If you saturate the color by 10%, you get **94.2312, 0.3472, 0.4001**, and if you desaturate by 10%, it is **98.2358, 0.3221, 0.3479**.

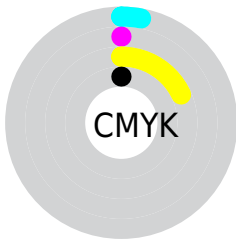
Distribution



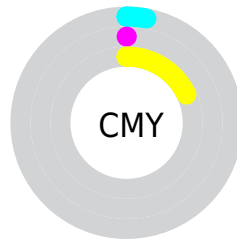
- Red (97%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (85%)



- Cyan (3%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (3%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.1296, 0.3347, 0.3737 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 96.1296, 0.3347, 0.3737 by changing the saturation by 10% instead.

 96.1296, 0.3347,
0.3737

 96.1296, 0.3347,
0.3737


547.7750, 0.3252,
0.3537

 73.0755, 0.3367,
0.3781


155.8243, 0.3315,
0.3669

 54.0377, 0.3391,
0.3835


193.2336, 0.3303,
0.3642

 38.6318, 0.3420,
0.3901


236.1969, 0.3292,
0.3619

 26.4734, 0.3456,
0.3986

285.0984, 0.3282,
0.3598

 17.1781, 0.3502,
0.4097

340.3225, 0.3273,
0.3580

 10.3616, 0.3561,
0.4250

402.2538, 0.3266,

 5.6394, 0.3638,

0.3564

0.4472

471.2764, 0.3259,
0.3550

■ 2.6270, 0.3747,
0.4825

■ 0.9403, 0.4111,
0.5889

■ 96.1296, 0.3347,
0.3737

■ 96.1296, 0.3347,
0.3737

■ 94.2312, 0.3472,
0.4001

■ 98.2358, 0.3221,
0.3479

■ 92.5463, 0.3591,
0.4263

100.0000, 0.3127,
0.3290

■ 91.0594, 0.3699,
0.4514

■ 89.7591, 0.3791,
0.4743

■ 88.6327, 0.3861,
0.4938

■ 87.6659, 0.3906,
0.5092

■ 86.8416, 0.3924,
0.5199

■ 86.1376, 0.3918,
0.5263

■ 85.9810, 0.3914,
0.5274

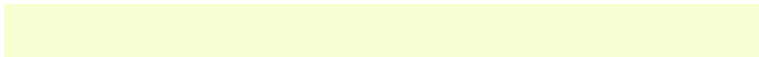
Harmonies

Analogous

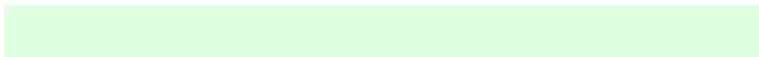
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.1296, 0.3543, 0.3683



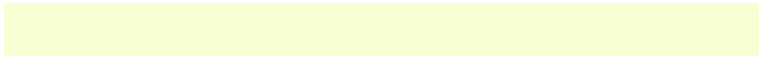
96.1296, 0.3347, 0.3737



96.1296, 0.3097, 0.3661

Triad

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



96.1296, 0.3347, 0.3737



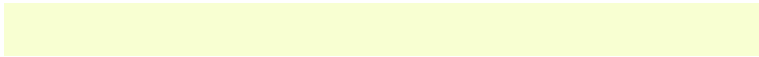
96.1296, 0.2651, 0.3025



96.1296, 0.3390, 0.3115

Complementary

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



96.1296, 0.3347, 0.3737



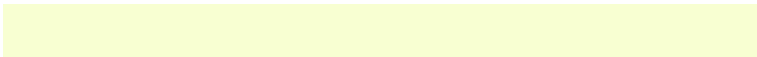
68.0924, 0.2883, 0.2815

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.



96.1296, 0.3141, 0.2955



96.1296, 0.3347, 0.3737



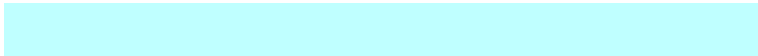
96.1296, 0.2721, 0.2898

Square

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



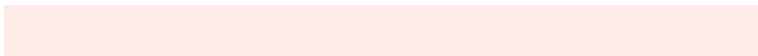
96.1296, 0.3347, 0.3737



96.1296, 0.2702, 0.3234



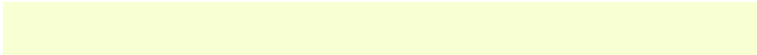
96.1296, 0.2898, 0.2876



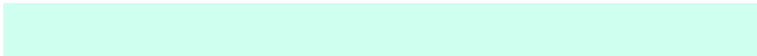
96.1296, 0.3571, 0.3320

Rectangle

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



96.1296, 0.3347, 0.3737



96.1296, 0.2935, 0.3544



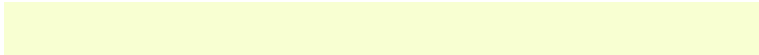
96.1296, 0.2898, 0.2876



96.1296, 0.3311, 0.3054

Sweetspot

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



96.1244, 0.3347, 0.3737



98.8293, 0.3189, 0.3413



75.4265, 0.3458, 0.3359



21.1193, 0.3197, 0.3430



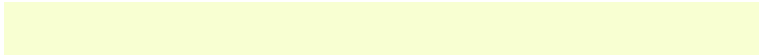
0.0000, 0.0000, 0.0000



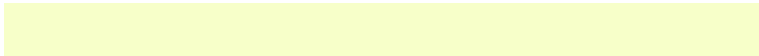
21.4041, 0.3127, 0.3290

Same Dimension

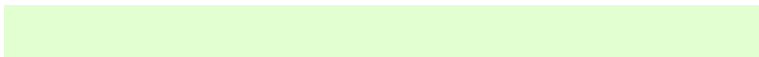
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.1244, 0.3347, 0.3737



95.4633, 0.3389, 0.3825



92.3067, 0.3203, 0.3757



20.9383, 0.3245, 0.3526



44.9810, 0.3919, 0.5270



4.4167, 0.3952, 0.5244

Inverse Universe

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



68.0924, 0.2883, 0.2815



62.8802, 0.2830, 0.2713



71.7261, 0.3036, 0.2836



17.5142, 0.3003, 0.3046



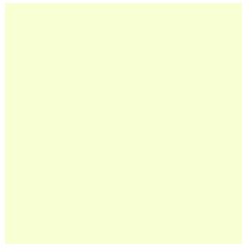
4.0476, 0.1564, 0.0635



0.4317, 0.1652, 0.0683

Previews

White Background



This preview shows how the Yxy color 96.1296, 0.3347, 0.3737 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 96.1296, 0.3347, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

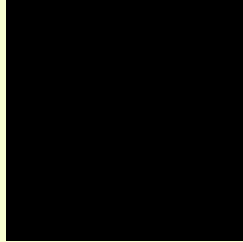
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.1296, 0.3347, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 96.1296, 0.3347, 0.3737.



This preview shows how white text looks on a background with the Yxy color 96.1296, 0.3347, 0.3737.

Color Blindness Simulation

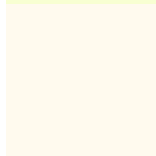
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

96.1296, 0.3347, 0.3737



Protanopia

95.8043, 0.3230, 0.3406



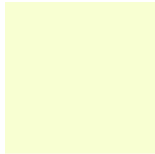
Deuteranopia

96.3466, 0.3177, 0.3319

Tritanopia

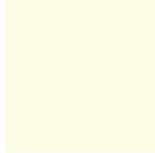
96.2867, 0.3111, 0.3242

Trichromacy



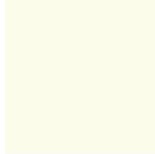
Original Color

96.1296, 0.3347, 0.3737



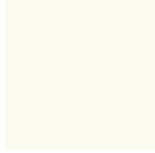
Protanomaly

95.9177, 0.3269, 0.3525



Deuteranomaly

96.2568, 0.3233, 0.3466



Tritanomaly

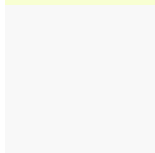
96.3620, 0.3197, 0.3417

Monochromacy



Original Color

96.1296, 0.3347, 0.3737



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.8913, 0.3208, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.1296, 0.3347, 0.3737 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(248, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 210)  
}
```

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(248, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 210) }
```

Border

The CSS property to change the border of an element to Yxy 96.1296, 0.3347, 0.3737 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(248, 255, 210) }
```

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

```
.border{ border-color:rgb(248, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 96.1296, 0.3347, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 210) }
```

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

```
.background{ background-color: rgb(248,  
255, 210) }
```

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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