

Converting Colors

$Y_{xy}(201.7723, 0.3182, 0.4595)$

Have a look what the booklet for
Yxy(201.7723, 0.3182, 0.4595)
contains.

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Color

Yxy(96.5384, 0.3300, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFDA
RGB	248, 255, 218
RGB Percent	97%, 100%, 85%
CMY	0.0273, 0.0000, 0.1450
CMYK	0.03, 0.00, 0.15, 0.00
HSL	71°, 100%, 93%
HSV	71°, 15%, 100%
XYZ	87.1381, 96.5384, 80.3783
YIQ	248.6890, 7.7050, -12.9910

Conversions

Conversions Part 2

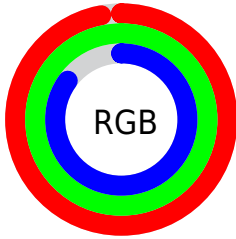
Format	Color
R_{YB}	218, 255, 225
Decimal	16318426
CIE _{Lab}	98.65, -8.43, 16.91
CIE _{LCh}	99, 18.897, 116.510
Yxy	96.5384, 0.3300, 0.3656
Android (android.graphics.Color)	4294508506 (0xFFF8FFDA)
YUV	248.6890, -15.1297, -0.6043
Hunter-Lab	98.2540, -13.6389, 20.2746

Details

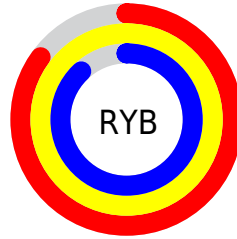
The Yxy color **96.5384, 0.3300, 0.3656** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.3711, 0.2938, 0.2907**, and the grayscale version is **94.5925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.1089, 0.3332, 0.3733** is the 20% darker color. If you saturate the color by 10%, you get **94.4433, 0.3420, 0.3921**, and if you desaturate by 10%, it is **98.8698, 0.3180, 0.3401**.

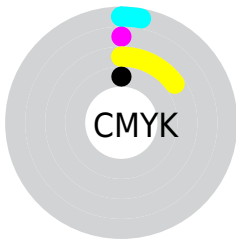
Distribution



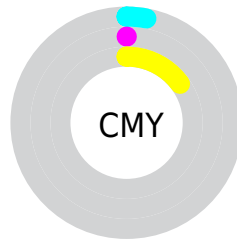
- Red (97%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (88%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)




- Cyan (3%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.5384, 0.3300, 0.3656 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 96.5384, 0.3300, 0.3656 by changing the saturation by 10% instead.


 96.5384, 0.3300,
0.3656

 96.5384, 0.3300,
0.3656

549.0784, 0.3225,
0.3493

 73.4161, 0.3316,
0.3692


156.3883, 0.3275,
0.3600

 54.3162, 0.3335,
0.3736


193.8846, 0.3265,
0.3579

 38.8545, 0.3358,
0.3790

236.9410, 0.3256,
0.3560

 26.6466, 0.3387,
0.3859

285.9419, 0.3249,
0.3543

 17.3080, 0.3424,
0.3950

341.2717, 0.3242,
0.3528

 10.4543, 0.3473,
0.4076

403.3147, 0.3236,

 5.7012, 0.3538,

0.3515

0.4259

472.4555, 0.3230,
0.3503

■ 2.6643, 0.3630,
0.4546

■ 0.9591, 0.4233,
0.5767

■ 96.5384, 0.3300,
0.3656

■ 96.5384, 0.3300,
0.3656

■ 94.4433, 0.3420,
0.3921

■ 98.8698, 0.3180,
0.3401

■ 92.5623, 0.3536,
0.4188

99.9960, 0.3127,
0.3290

■ 90.8893, 0.3642,
0.4448

■ 89.4133, 0.3734,
0.4690

■ 88.1218, 0.3806,
0.4904

■ 87.0011, 0.3853,
0.5078

■ 86.0351, 0.3874,
0.5207

■ 85.2040, 0.3869,
0.5289

■ 84.7893, 0.3858,
0.5319

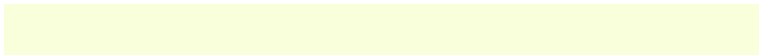
Harmonies

Analogous

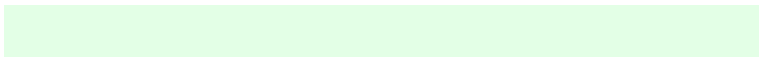
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.5384, 0.3464, 0.3619



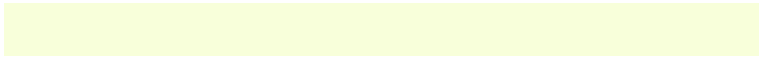
96.5384, 0.3300, 0.3656



96.5384, 0.3093, 0.3587

Triad

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



96.5384, 0.3300, 0.3656



96.5384, 0.2733, 0.3065



96.5384, 0.3353, 0.3153

Complementary

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



96.5384, 0.3300, 0.3656



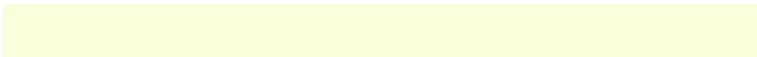
73.3711, 0.2938, 0.2907

Split Complementary

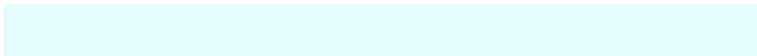
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.5384, 0.3151, 0.3017



96.5384, 0.3300, 0.3656



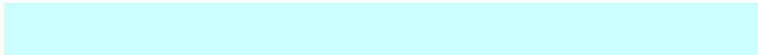
96.5384, 0.2797, 0.2963

Square

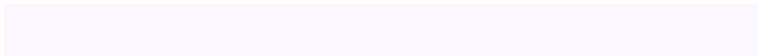
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



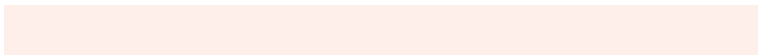
96.5384, 0.3300, 0.3656



96.5384, 0.2770, 0.3236



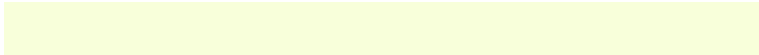
96.5384, 0.2947, 0.2947



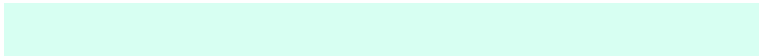
96.5384, 0.3497, 0.3326

Rectangle

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



96.5384, 0.3300, 0.3656



96.5384, 0.2960, 0.3489



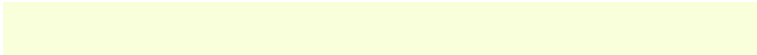
96.5384, 0.2947, 0.2947



96.5384, 0.3290, 0.3102

Sweetspot

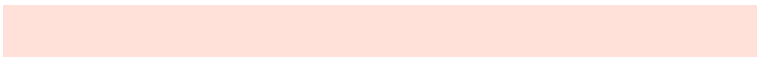
The Sweet Spot groups the original color and five complimentary colors.



96.5426, 0.3300, 0.3656



98.9985, 0.3174, 0.3388



80.0599, 0.3388, 0.3359



21.1503, 0.3183, 0.3407



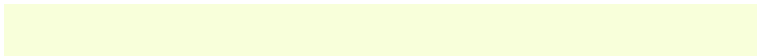
0.0000, 0.0000, 0.0000



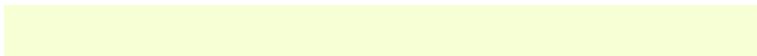
21.4041, 0.3127, 0.3290

Same Dimension

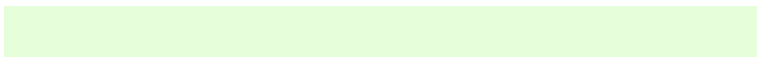
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.5426, 0.3300, 0.3656



96.0028, 0.3330, 0.3722



93.3559, 0.3182, 0.3670



20.9080, 0.3240, 0.3527



44.3686, 0.3864, 0.5314



4.3625, 0.3903, 0.5283

Inverse Universe

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



73.3711, 0.2938, 0.2907



69.3166, 0.2902, 0.2835



76.4742, 0.3063, 0.2921



17.5420, 0.3008, 0.3046



4.1469, 0.1587, 0.0648



0.4454, 0.1682, 0.0701

Previews

White Background



This preview shows how the Yxy color 96.5384, 0.3300, 0.3656 looks on a white background.

Color Contrast Check

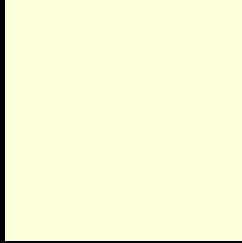
Large Text (above 18pt) WCAG AA × Fail

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 96.5384, 0.3300, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

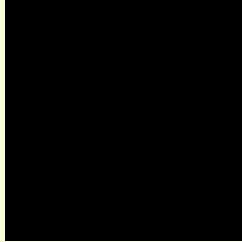
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

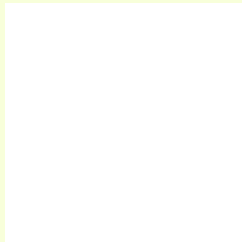
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.5384, 0.3300, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 96.5384, 0.3300, 0.3656.

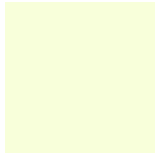


This preview shows how white text looks on a background with the Yxy color 96.5384, 0.3300, 0.3656.

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

96.5384, 0.3300, 0.3656



Protanopia

96.6052, 0.3212, 0.3387

Deuteranopia

96.4085, 0.3171, 0.3309

Tritanopia

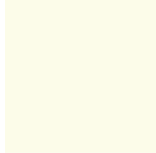
96.2867, 0.3111, 0.3242

Trichromacy



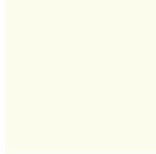
Original Color

96.5384, 0.3300, 0.3656



Protanomaly

96.1994, 0.3239, 0.3475



Deuteranomaly

96.4307, 0.3215, 0.3436



Tritanomaly

96.5408, 0.3179, 0.3387

Monochromacy



Original Color

96.5384, 0.3300, 0.3656



Achromatopsia

94.7307, 0.3127, 0.3290



Achromatomaly

95.3071, 0.3191, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.5384, 0.3300, 0.3656 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 218) }
```

Border

The CSS property to change the border of an element to Yxy 96.5384, 0.3300, 0.3656 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, 218) }
```

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

```
.border{ border-color:rgb(248, 255, 218) }
```

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, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 96.5384, 0.3300, 0.3656 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, 218) }
```

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

```
.background{ background-color: rgb(248,  
255, 218) }
```

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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