

Converting Colors

$Y_{xy}(95.4278, 0.3468, 0.3928)$

Have a look what the booklet for
Yxy(95.4278, 0.3468, 0.3928)
contains.

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Color

Yxy(95.4213, 0.3467, 0.3928)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFBF
RGB	249, 255, 191
RGB Percent	98%, 100%, 75%
CMY	0.0237, 0.0000, 0.2509
CMYK	0.02, 0.00, 0.25, 0.00
HSL	66°, 100%, 87%
HSV	66°, 25%, 100%
XYZ	84.2224, 95.4213, 63.2822
YIQ	245.9100, 16.9680, -21.1760

Conversions

Conversions Part 2

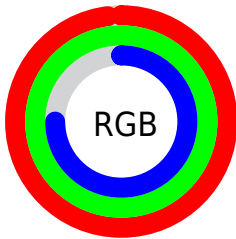
Format	Color
RYB	191, 255, 197
Decimal	16383935
CIELab	98.20, -12.00, 29.99
CIELCh	98, 32.306, 111.806
Yxy	95.4213, 0.3467, 0.3928
Android (android.graphics.Color)	4294574015 (0xFFFF9FFBF)
YUV	245.9100, -27.0706, 2.7099
Hunter-Lab	97.6838, -17.0451, 29.9690

Details

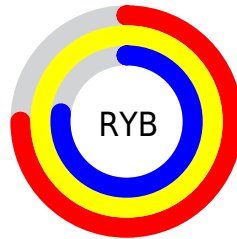
The Yxy color **95.4213, 0.3467, 0.3928** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.3712, 0.2734, 0.2581**, and the grayscale version is **92.2867, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **53.4008, 0.3536, 0.4065** is the 20% darker color. If you saturate the color by 10%, you get **93.9489, 0.3600, 0.4185**, and if you desaturate by 10%, it is **97.0827, 0.3331, 0.3669**.

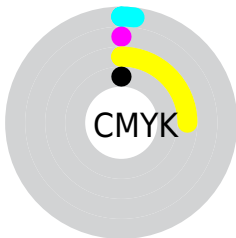
Distribution



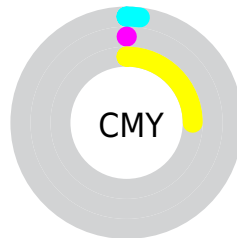
- Red (98%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (77%)



- Cyan (2%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.4213, 0.3467, 0.3928 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 95.4213, 0.3467, 0.3928 by changing the saturation by 10% instead.


 95.4213, 0.3467,
0.3928

 95.4213, 0.3467,
0.3928


545.5128, 0.3322,
0.3642

 72.4857, 0.3497,
0.3991

 154.8465, 0.3419,
0.3831

 53.5555, 0.3533,
0.4067


192.1049, 0.3400,
0.3792

 38.2464, 0.3576,
0.4161


234.9063, 0.3383,
0.3759

 26.1740, 0.3628,
0.4281

283.6352, 0.3368,
0.3730

 16.9539, 0.3692,
0.4437

338.6759, 0.3354,
0.3704

 10.2016, 0.3770,
0.4646

400.4128, 0.3343,

 5.5328, 0.3862,

0.3681

0.4939

469.2303, 0.3332,
0.3661

■ 2.5632, 0.4152,
0.5635

■ 0.9082, 0.3856,
0.6144

■ 95.4213, 0.3467,
0.3928

■ 95.4213, 0.3467,
0.3928

■ 93.9489, 0.3600,
0.4185

■ 97.0827, 0.3331,
0.3669

■ 92.6736, 0.3723,
0.4431

■ 98.9607, 0.3195,
0.3415

■ 91.5781, 0.3831,
0.4655

100.0000, 0.3127,
0.3290

■ 90.6504, 0.3918,
0.4847

■ 89.8765, 0.3981,
0.4999

■ 89.2405, 0.4016,
0.5105

■ 88.7224, 0.4027,
0.5167

■ 88.4972, 0.4025,
0.5186

Harmonies

Analogous

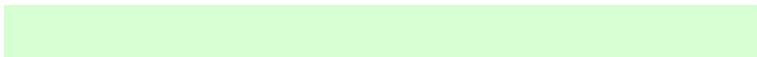
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.4213, 0.3734, 0.3821



95.4213, 0.3467, 0.3928



95.4213, 0.3118, 0.3845

Triad

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



95.4213, 0.3467, 0.3928



95.4213, 0.2464, 0.2936



95.4213, 0.3463, 0.3017

Complementary

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



95.4213, 0.3467, 0.3928



56.3712, 0.2734, 0.2581

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.



95.4213, 0.3104, 0.2809



95.4213, 0.3467, 0.3928



95.4213, 0.2543, 0.2752

Square

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



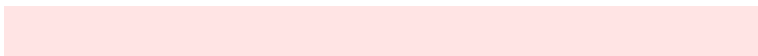
95.4213, 0.3467, 0.3928



95.4213, 0.2549, 0.3239



95.4213, 0.2770, 0.2712



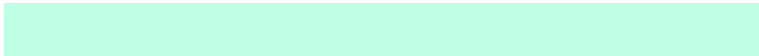
95.4213, 0.3738, 0.3293

Rectangle

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



95.4213, 0.3467, 0.3928



95.4213, 0.2888, 0.3685



95.4213, 0.2770, 0.2712



95.4213, 0.3347, 0.2937

Sweetspot

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



95.4153, 0.3467, 0.3928



98.3917, 0.3234, 0.3488



64.6632, 0.3647, 0.3347



20.9985, 0.3254, 0.3526



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

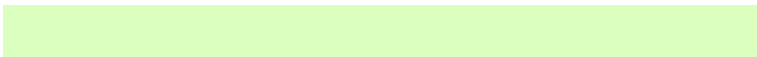
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.4153, 0.3467, 0.3928



94.6705, 0.3533, 0.4055



90.1390, 0.3260, 0.3972



20.9985, 0.3254, 0.3526



46.2775, 0.4028, 0.5184



4.5302, 0.4048, 0.5168

Inverse Universe

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



56.3712, 0.2734, 0.2581



49.6643, 0.2643, 0.2420



61.0425, 0.2957, 0.2624



17.4597, 0.2993, 0.3045



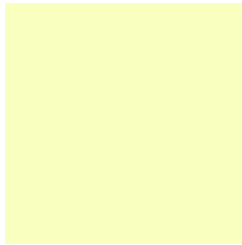
3.9017, 0.1530, 0.0617



0.4062, 0.1593, 0.0651

Previews

White Background



This preview shows how the Yxy color 95.4213, 0.3467, 0.3928 looks on a white background.

Color Contrast Check

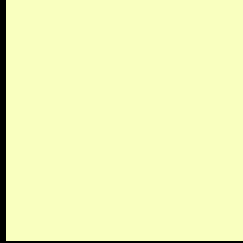
Large Text (above 18pt) WCAG AA × Fail

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 95.4213, 0.3467, 0.3928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

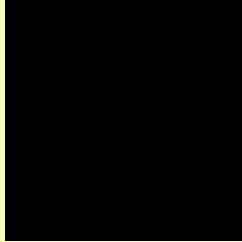
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.4213, 0.3467, 0.3928

Background



This preview shows how black text looks on a background with the Yxy color 95.4213, 0.3467, 0.3928.

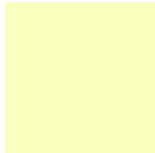


This preview shows how white text looks on a background with the Yxy color 95.4213, 0.3467, 0.3928.

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

95.4213, 0.3467, 0.3928

Protanopia

95.5717, 0.3255, 0.3446

Deuteranopia

95.5430, 0.3195, 0.3338

Tritanopia

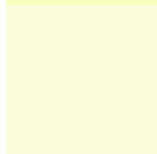
95.2374, 0.3118, 0.3223

Trichromacy



Original Color

95.4213, 0.3467, 0.3928



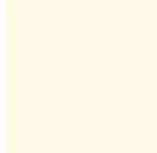
Protanomaly

95.5654, 0.3336, 0.3624



Deuteranomaly

95.3132, 0.3295, 0.3545



Tritanomaly

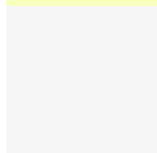
95.5160, 0.3246, 0.3476

Monochromacy



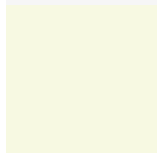
Original Color

95.4213, 0.3467, 0.3928



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.0165, 0.3252, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.4213, 0.3467, 0.3928 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(249, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 191)  
}
```

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(249, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 191) }
```

Border

The CSS property to change the border of an element to Yxy 95.4213, 0.3467, 0.3928 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(249, 255, 191) }
```

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

```
.border{ border-color:rgb(249, 255, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 255, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 95.4213, 0.3467, 0.3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 191) }
```

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

```
.background{ background-color: rgb(249,  
255, 191) }
```

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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