

Converting Colors

$Y_{xy}(95.5522, 0.3213, 0.3594)$

Have a look what the booklet for
Yxy(95.5522, 0.3213, 0.3594)
contains.

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Color

Yxy(95.6570, 0.3213, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	F1FFE1
RGB	241, 255, 225
RGB Percent	95%, 100%, 88%
CMY	0.0551, 0.0000, 0.1176
CMYK	0.06, 0.00, 0.12, 0.00
HSL	88°, 100%, 94%
HSV	88°, 12%, 100%
XYZ	85.6117, 95.6570, 85.1854
YIQ	247.3940, 1.2860, -12.2980

Conversions

Conversions Part 2

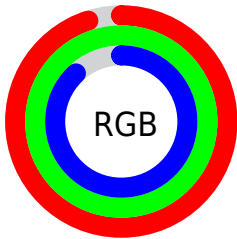
Format	Color
R_{YB}	225, 255, 239
Decimal	15859681
CIE _{Lab}	98.30, -9.78, 12.77
CIE _{LCh}	98, 16.087, 127.438
Yxy	95.6570, 0.3213, 0.3590
Android (android.graphics.Color)	4294049761 (0xFFFF1FFE1)
YUV	247.3940, -11.0402, -5.6075
Hunter-Lab	97.8044, -14.9103, 16.8229

Details

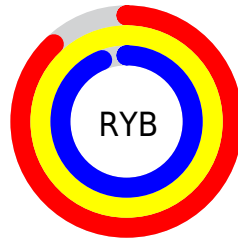
The Yxy color 95.6570, 0.3213, 0.3590 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 79.4321, 0.3033, 0.2989, and the grayscale version is 93.4250, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.6047, 0.3230, 0.3648 is the 20% darker color. If you saturate the color by 10%, you get 92.3242, 0.3285, 0.3866, and if you desaturate by 10%, it is 99.3161, 0.3140, 0.3333.

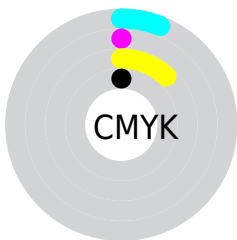
Distribution



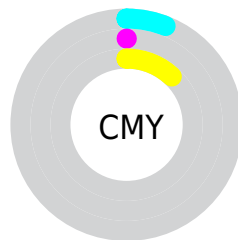
- Red (95%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (94%)



- Cyan (6%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.6570, 0.3213, 0.3590 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 95.6570, 0.3213, 0.3590 by changing the saturation by 10% instead.


 95.6570, 0.3213,
0.3590

 95.6570, 0.3213,
0.3590

546.2662, 0.3176,
0.3456

 72.6819, 0.3221,
0.3620


155.1720, 0.3201,
0.3544

 53.7159, 0.3230,
0.3656


192.4806, 0.3196,
0.3526

 38.3746, 0.3241,
0.3701

235.3360, 0.3192,
0.3511

 26.2735, 0.3255,
0.3759

284.1223, 0.3188,
0.3497

 17.0284, 0.3273,
0.3835

339.2241, 0.3184,
0.3485

 10.2547, 0.3296,
0.3941

401.0258, 0.3181,

 5.5682, 0.3326,

0.3474

0.4097

469.9117, 0.3179,
0.3464

■ 2.5843, 0.3367,
0.4350

■ 0.9188, 0.3821,
0.5535

■ 95.6570, 0.3213,
0.3590

■ 95.6570, 0.3213,
0.3590

■ 92.3242, 0.3285,
0.3866

■ 99.3161, 0.3140,
0.3333

■ 89.3350, 0.3352,
0.4158

100.0000, 0.3127,
0.3290

■ 86.6673, 0.3412,
0.4457

■ 84.3074, 0.3458,
0.4751

■ 82.2407, 0.3487,
0.5027

■ 80.4511, 0.3495,
0.5270

■ 78.9202, 0.3479,
0.5467

■ 77.6264, 0.3441,
0.5607

■ 76.7139, 0.3397,
0.5685

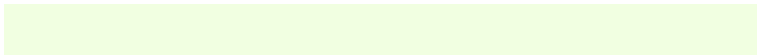
Harmonies

Analogous

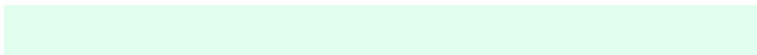
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6570, 0.3371, 0.3592



95.6570, 0.3213, 0.3590



95.6570, 0.3035, 0.3500

Triad

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



95.6570, 0.3213, 0.3590



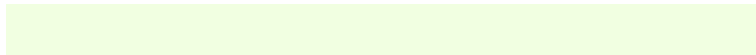
95.6570, 0.2799, 0.3059



95.6570, 0.3373, 0.3225

Complementary

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



95.6570, 0.3213, 0.3590



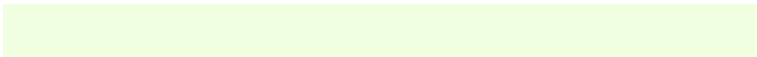
79.4321, 0.3033, 0.2989

Split Complementary

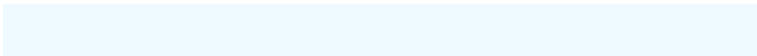
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.6570, 0.3214, 0.3093



95.6570, 0.3213, 0.3590



95.6570, 0.2884, 0.2996

Square

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



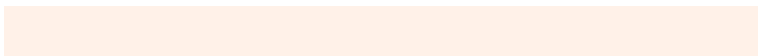
95.6570, 0.3213, 0.3590



95.6570, 0.2800, 0.3187



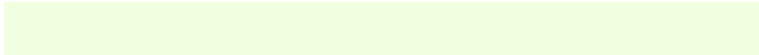
95.6570, 0.3034, 0.3010



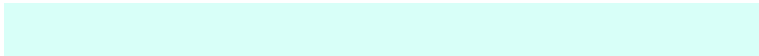
95.6570, 0.3466, 0.3377

Rectangle

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



95.6570, 0.3213, 0.3590



95.6570, 0.2929, 0.3404



95.6570, 0.3034, 0.3010



95.6570, 0.3325, 0.3177

Sweetspot

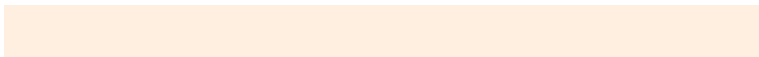
The Sweet Spot groups the original color and five complimentary colors.



95.6472, 0.3213, 0.3590



98.4652, 0.3156, 0.3389



88.4298, 0.3323, 0.3429



21.0152, 0.3162, 0.3408



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

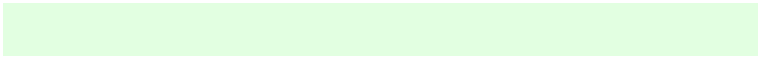
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.6472, 0.3213, 0.3590



94.8746, 0.3229, 0.3650



93.1253, 0.3119, 0.3598



20.6433, 0.3197, 0.3530



40.1744, 0.3408, 0.5676



3.9767, 0.3491, 0.5610

Inverse Universe

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



79.4321, 0.3033, 0.2989



75.8773, 0.3013, 0.2929



82.1422, 0.3134, 0.2999



17.7949, 0.3052, 0.3050



5.9269, 0.1961, 0.0854



0.6414, 0.2086, 0.0923

Previews

White Background



This preview shows how the Yxy color 95.6570, 0.3213, 0.3590 looks on a white background.

Color Contrast Check

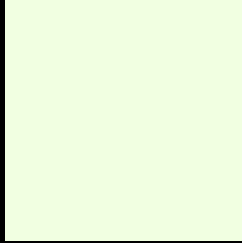
Large Text (above 18pt) WCAG AA × Fail

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 95.6570, 0.3213, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

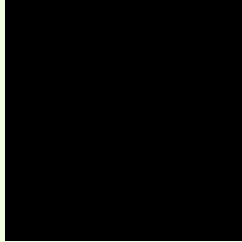
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

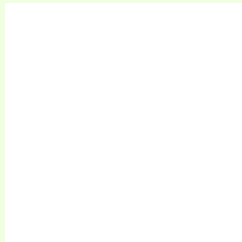
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.6570, 0.3213, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 95.6570, 0.3213, 0.3590.

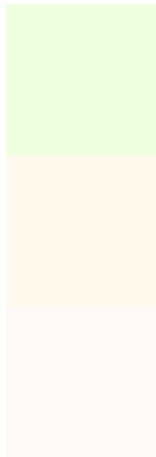


This preview shows how white text looks on a background with the Yxy color 95.6570, 0.3213, 0.3590.

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

95.6570, 0.3213, 0.3590

Protanopia

95.8043, 0.3230, 0.3406

Deuteranopia

95.7268, 0.3177, 0.3309

Tritanopia

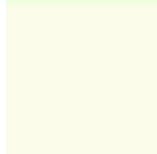
95.7310, 0.3092, 0.3242

Trichromacy



Original Color

95.6570, 0.3213, 0.3590



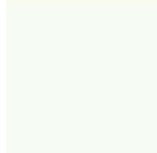
Protanomaly

95.8280, 0.3226, 0.3476



Deuteranomaly

95.5503, 0.3191, 0.3407



Tritanomaly

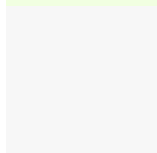
95.7453, 0.3136, 0.3368

Monochromacy



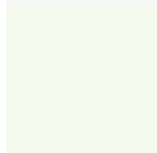
Original Color

95.6570, 0.3213, 0.3590



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

94.0157, 0.3160, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6570, 0.3213, 0.3590 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(241, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 225)  
}
```

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(241, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 225) }
```

Border

The CSS property to change the border of an element to Yxy 95.6570, 0.3213, 0.3590 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(241, 255, 225) }
```

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

```
.border{ border-color:rgb(241, 255, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6570, 0.3213, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 225) }
```

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

```
.background{ background-color: rgb(241,  
255, 225) }
```

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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