

Converting Colors

$Y_{xy}(128.7945, 0.3149, 0.4003)$

Have a look what the booklet for
Yxy(128.7945, 0.3149, 0.4003)
contains.

Yxy(95.0155, 0.3182, 0.3582)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(95.0155, 0.3182, 0.3582)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFE2
RGB	237, 255, 226
RGB Percent	93%, 100%, 89%
CMY	0.0707, 0.0000, 0.1137
CMYK	0.07, 0.00, 0.11, 0.00
HSL	97°, 100%, 94%
HSV	97°, 11%, 100%
XYZ	84.4052, 95.0155, 85.8376
YIQ	246.3120, -1.4190, -12.8350

Conversions

Conversions Part 2

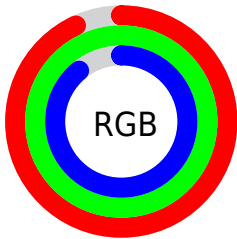
Format	Color
R _Y B	226, 255, 244
Decimal	15597538
CIE Lab	98.04, -10.95, 11.86
CIE LCh	98, 16.147, 132.721
Yxy	95.0155, 0.3182, 0.3582
Android (android.graphics.Color)	4293787618 (0xFFEDFFE2)
YUV	246.3120, -10.0138, -8.1666
Hunter-Lab	97.4759, -16.0182, 16.0222

Details

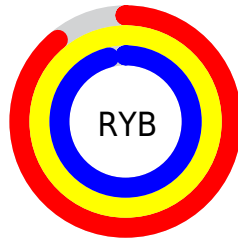
The Yxy color **95.0155, 0.3182, 0.3582** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **80.8466, 0.3066, 0.3002**, and the grayscale version is **92.5004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.1522, 0.3190, 0.3638** is the 20% darker color. If you saturate the color by 10%, you get **91.1056, 0.3228, 0.3865**, and if you desaturate by 10%, it is **99.3655, 0.3134, 0.3324**.

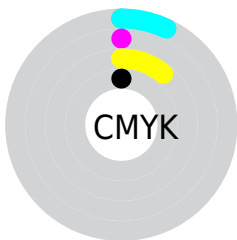
Distribution



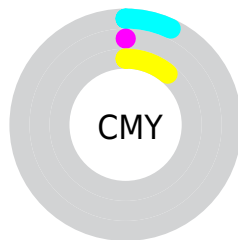
- Red (93%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (96%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.0155, 0.3182, 0.3582 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 95.0155, 0.3182, 0.3582 by changing the saturation by 10% instead.


 95.0155, 0.3182,
0.3582

 95.0155, 0.3182,
0.3582


544.2146, 0.3159,
0.3451

 72.1479, 0.3187,
0.3611

154.2860, 0.3174,
0.3537

 53.2795, 0.3192,
0.3646


191.4577, 0.3171,
0.3520

 38.0259, 0.3199,
0.3691


234.1662, 0.3169,
0.3504

 26.0028, 0.3207,
0.3747

282.7959, 0.3166,
0.3491

 16.8257, 0.3218,
0.3823

337.7312, 0.3164,
0.3479

 10.1103, 0.3231,
0.3927

399.3565, 0.3162,

 5.4722, 0.3247,

0.3469

0.4083

468.0561, 0.3161,
0.3459

■ 2.5269, 0.3266,
0.4336

■ 0.8900, 0.3597,
0.5534

■ 95.0155, 0.3182,
0.3582

■ 95.0155, 0.3182,
0.3582

■ 91.1056, 0.3228,
0.3865

■ 99.3655, 0.3134,
0.3324

■ 87.6341, 0.3270,
0.4168

100.0000, 0.3127,
0.3290

■ 84.5802, 0.3305,
0.4485

■ 81.9265, 0.3328,
0.4803

■ 79.6540, 0.3336,
0.5106

■ 77.7423, 0.3326,
0.5376

■ 76.1684, 0.3298,
0.5595

■ 74.9057, 0.3252,
0.5751

■ 74.0357, 0.3204,
0.5838

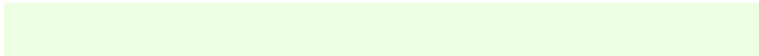
Harmonies

Analogous

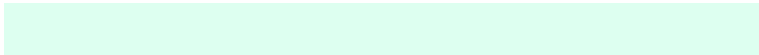
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0155, 0.3348, 0.3600



95.0155, 0.3182, 0.3582



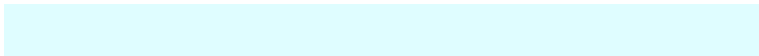
95.0155, 0.3005, 0.3478

Triad

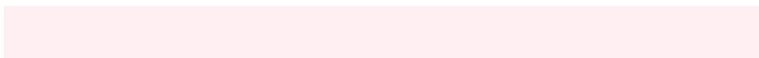
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.0155, 0.3182, 0.3582



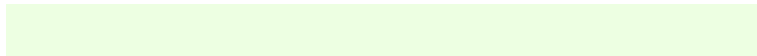
95.0155, 0.2807, 0.3041



95.0155, 0.3397, 0.3251

Complementary

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



95.0155, 0.3182, 0.3582



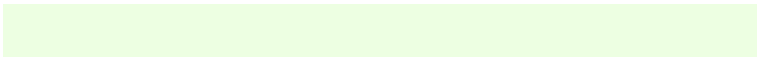
80.8466, 0.3066, 0.3002

Split Complementary

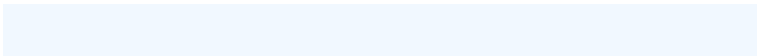
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.0155, 0.3245, 0.3112



95.0155, 0.3182, 0.3582



95.0155, 0.2905, 0.2991

Square

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



95.0155, 0.3182, 0.3582



95.0155, 0.2791, 0.3160



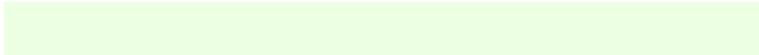
95.0155, 0.3065, 0.3018



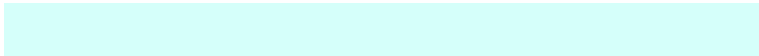
95.0155, 0.3475, 0.3404

Rectangle

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



95.0155, 0.3182, 0.3582



95.0155, 0.2904, 0.3377



95.0155, 0.3065, 0.3018



95.0155, 0.3353, 0.3202

Sweetspot

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



95.0109, 0.3182, 0.3582



98.6265, 0.3142, 0.3364



91.3807, 0.3311, 0.3466



21.0331, 0.3146, 0.3384



0.0000, 0.0000, 0.0000



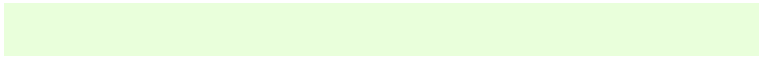
21.4041, 0.3127, 0.3290

Same Dimension

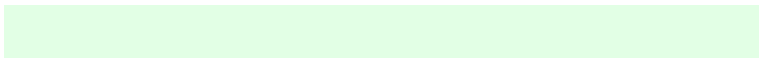
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.0109, 0.3182, 0.3582



93.9427, 0.3194, 0.3654



93.3662, 0.3094, 0.3552



20.5031, 0.3173, 0.3532



38.7638, 0.3216, 0.5829



3.8345, 0.3303, 0.5759

Inverse Universe

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



80.8466, 0.3066, 0.3002



76.8261, 0.3050, 0.2933



82.6539, 0.3162, 0.3041



17.9368, 0.3077, 0.3051



7.6840, 0.2278, 0.1028



0.8108, 0.2382, 0.1086

Previews

White Background



This preview shows how the Yxy color 95.0155, 0.3182, 0.3582 looks on a white background.

Color Contrast Check

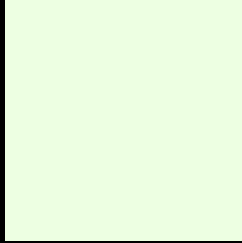
Large Text (above 18pt) WCAG AA × Fail

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 95.0155, 0.3182, 0.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

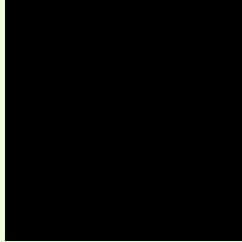
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

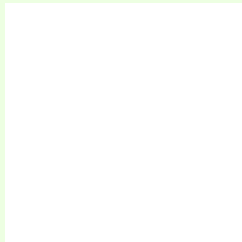
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.0155, 0.3182, 0.3582

Background



This preview shows how black text looks on a background with the Yxy color 95.0155, 0.3182, 0.3582.

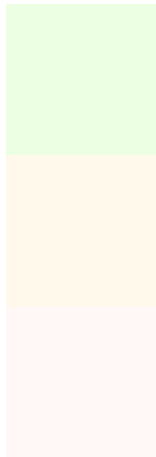


This preview shows how white text looks on a background with the Yxy color 95.0155, 0.3182, 0.3582.

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

95.0155, 0.3182, 0.3582

Protanopia

95.0095, 0.3250, 0.3426

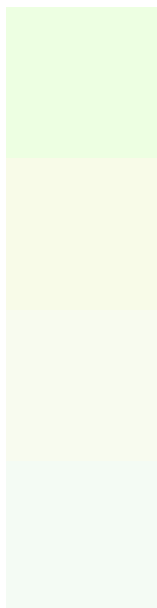
Deuteranopia

95.0486, 0.3184, 0.3309

Tritanopia

94.9278, 0.3086, 0.3232

Trichromacy



Original Color

95.0155, 0.3182, 0.3582

Protanomaly

94.7770, 0.3220, 0.3477

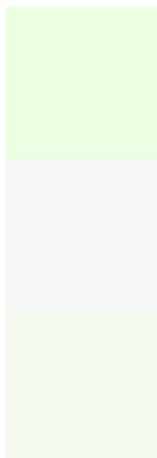
Deuteranomaly

95.1828, 0.3179, 0.3408

Tritanomaly

94.7591, 0.3124, 0.3359

Monochromacy



Original Color

95.0155, 0.3182, 0.3582

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

93.0380, 0.3148, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.0155, 0.3182, 0.3582 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(237, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 226)  
}
```

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(237, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 226) }
```

Border

The CSS property to change the border of an element to Yxy 95.0155, 0.3182, 0.3582 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(237, 255, 226) }
```

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

```
.border{ border-color:rgb(237, 255, 226) }
```

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

Here you see how a box with a 4 pixel rgb(237, 255, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 95.0155, 0.3182, 0.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 226) }
```

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

```
.background{ background-color: rgb(237,  
255, 226) }
```

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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