

Converting Colors

$Yxy(95.2400, 0.3270, 0.3684)$

Have a look what the booklet for
Yxy(95.2400, 0.3270, 0.3684)
contains.

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Color

Yxy(95.1786, 0.3266, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	F1FFD8
RGB	241, 255, 216
RGB Percent	95%, 100%, 85%
CMY	0.0550, 0.0000, 0.1529
CMYK	0.05, 0.00, 0.15, 0.00
HSL	82°, 100%, 92%
HSV	82°, 15%, 100%
XYZ	84.4251, 95.1786, 78.8933
YIQ	246.3680, 4.1750, -15.0970

Conversions

Conversions Part 2

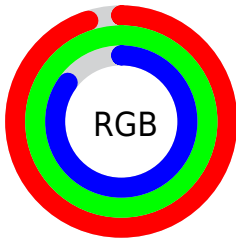
Format	Color
R _Y B	216, 255, 230
Decimal	15859672
CIE Lab	98.10, -11.20, 17.10
CIE LCh	98, 20.438, 123.221
Yxy	95.1786, 0.3266, 0.3682
Android (android.graphics.Color)	4294049752 (0xFFFF1FFD8)
YUV	246.3680, -14.9714, -4.7077
Hunter-Lab	97.5595, -16.2605, 20.3457

Details

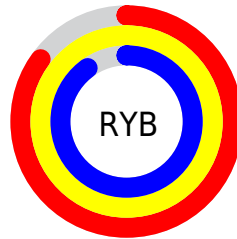
The Yxy color **95.1786, 0.3266, 0.3682** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.1658, 0.2972, 0.2890**, and the grayscale version is **92.5878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.2757, 0.3297, 0.3766** is the 20% darker color. If you saturate the color by 10%, you get **92.3834, 0.3356, 0.3958**, and if you desaturate by 10%, it is **98.2529, 0.3175, 0.3421**.

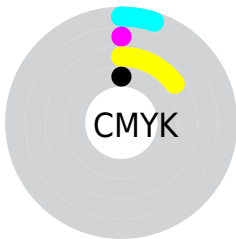
Distribution



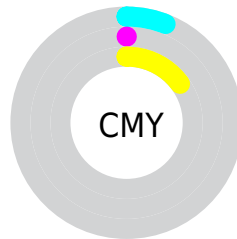
- Red (95%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (90%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.1786, 0.3266, 0.3682 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 95.1786, 0.3266, 0.3682 by changing the saturation by 10% instead.

 95.1786, 0.3266,
0.3682

 95.1786, 0.3266,
0.3682


544.7366, 0.3207,
0.3506

 72.2836, 0.3278,
0.3721


154.5113, 0.3246,
0.3622

 53.3904, 0.3293,
0.3769

191.7179, 0.3238,
0.3598

 38.1145, 0.3311,
0.3828


234.4637, 0.3231,
0.3578

 26.0716, 0.3334,
0.3904

283.1333, 0.3225,
0.3560

 16.8772, 0.3362,
0.4005

338.1110, 0.3220,
0.3544

 10.1470, 0.3398,
0.4144

399.7812, 0.3215,

 5.4965, 0.3445,

0.3530

0.4349

468.5282, 0.3211,
0.3517

■ 2.5414, 0.3505,
0.4678

■ 0.8973, 0.3924,
0.6076

■ 95.1786, 0.3266,
0.3682

■ 95.1786, 0.3266,
0.3682

■ 92.3834, 0.3356,
0.3958

■ 98.2529, 0.3175,
0.3421

■ 89.8670, 0.3440,
0.4242

100.0000, 0.3127,
0.3290

■ 87.6145, 0.3514,
0.4526

■ 85.6138, 0.3573,
0.4797

■ 83.8512, 0.3613,
0.5042

■ 82.3117, 0.3629,
0.5249

■ 80.9779, 0.3619,
0.5408

■ 79.8283, 0.3585,
0.5515

■ 79.3368, 0.3564,
0.5552

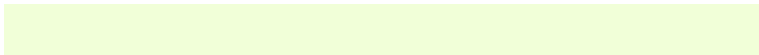
Harmonies

Analogous

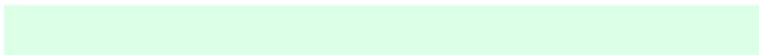
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1786, 0.3460, 0.3666



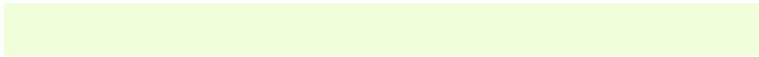
95.1786, 0.3266, 0.3682



95.1786, 0.3040, 0.3582

Triad

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



95.1786, 0.3266, 0.3682



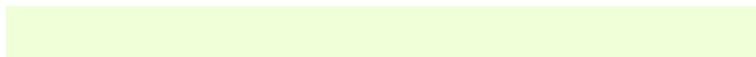
95.1786, 0.2706, 0.3013



95.1786, 0.3416, 0.3181

Complementary

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



95.1786, 0.3266, 0.3682



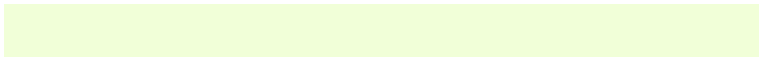
73.1658, 0.2972, 0.2890

Split Complementary

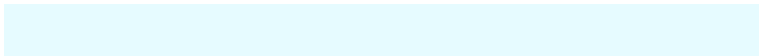
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1786, 0.3204, 0.3022



95.1786, 0.3266, 0.3682



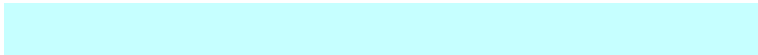
95.1786, 0.2798, 0.2923

Square

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



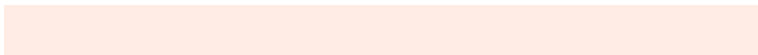
95.1786, 0.3266, 0.3682



95.1786, 0.2722, 0.3184



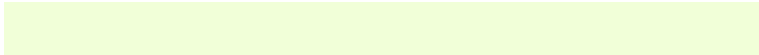
95.1786, 0.2978, 0.2928



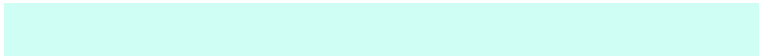
95.1786, 0.3550, 0.3371

Rectangle

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



95.1786, 0.3266, 0.3682



95.1786, 0.2901, 0.3464



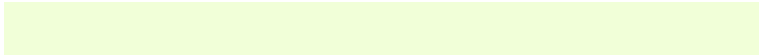
95.1786, 0.2978, 0.2928



95.1786, 0.3351, 0.3123

Sweetspot

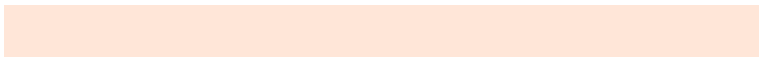
The Sweet Spot groups the original color and five complimentary colors.



95.1752, 0.3266, 0.3682



98.3465, 0.3172, 0.3413



82.6213, 0.3395, 0.3427



21.0017, 0.3179, 0.3431



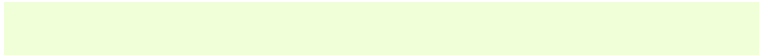
0.0000, 0.0000, 0.0000



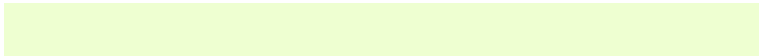
21.4041, 0.3127, 0.3290

Same Dimension

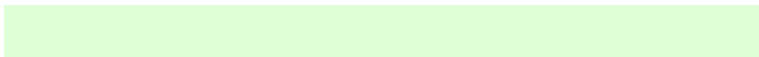
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1752, 0.3266, 0.3682



94.3908, 0.3291, 0.3755



91.9858, 0.3144, 0.3697



20.7449, 0.3213, 0.3529



41.5423, 0.3574, 0.5544



4.1064, 0.3644, 0.5488

Inverse Universe

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



73.1658, 0.2972, 0.2890



68.9755, 0.2941, 0.2813



76.5049, 0.3104, 0.2906



17.6956, 0.3035, 0.3048



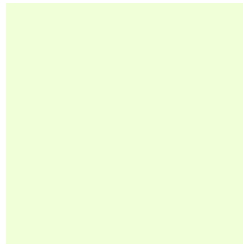
5.0300, 0.1780, 0.0754



0.5486, 0.1904, 0.0822

Previews

White Background



This preview shows how the Yxy color 95.1786, 0.3266, 0.3682 looks on a white background.

Color Contrast Check

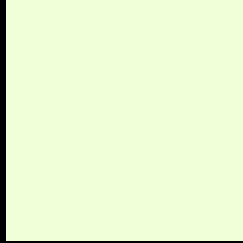
Large Text (above 18pt) WCAG AA × Fail

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 95.1786, 0.3266, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

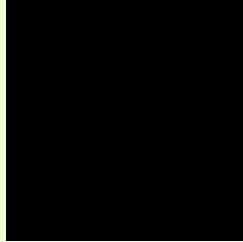
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

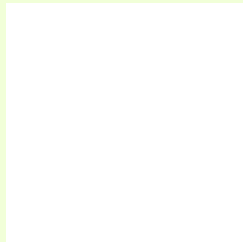
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.1786, 0.3266, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 95.1786, 0.3266, 0.3682.



This preview shows how white text looks on a background with the Yxy color 95.1786, 0.3266, 0.3682.

Color Blindness Simulation

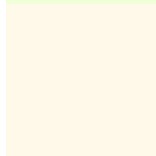
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



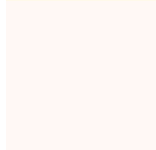
Original Color

95.1786, 0.3266, 0.3682



Protanopia

94.9519, 0.3256, 0.3436



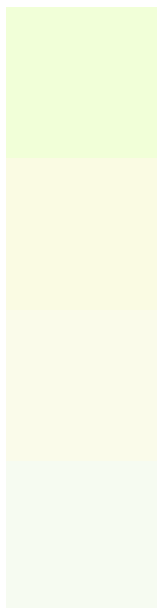
Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

95.1111, 0.3092, 0.3232

Trichromacy



Original Color

95.1786, 0.3266, 0.3682

Protanomaly

94.8644, 0.3263, 0.3526

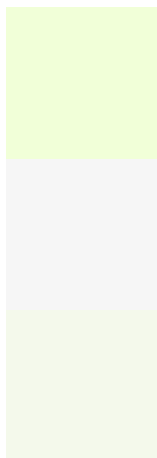
Deuteranomaly

95.2589, 0.3221, 0.3457

Tritanomaly

94.9381, 0.3154, 0.3388

Monochromacy



Original Color

95.1786, 0.3266, 0.3682

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.9826, 0.3178, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1786, 0.3266, 0.3682 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 216) }
```

Border

The CSS property to change the border of an element to Yxy 95.1786, 0.3266, 0.3682 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, 216) }
```

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

```
.border{ border-color:rgb(241, 255, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 216);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1786, 0.3266, 0.3682 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, 216) }
```

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

```
.background{ background-color: rgb(241,  
255, 216) }
```

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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