

Converting Colors

$Yxy(95.3072, 0.3333, 0.3761)$

Have a look what the booklet for
Yxy(95.3072, 0.3333, 0.3761)
contains.

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Color

Yxy(95.3072, 0.3333, 0.3761)

Conversions

Conversions Part 1

Format	Color
Hex	F4FFD0
RGB	244, 255, 208
RGB Percent	96%, 100%, 82%
CMY	0.0431, 0.0000, 0.1842
CMYK	0.04, 0.00, 0.18, 0.00
HSL	74°, 100%, 91%
HSV	74°, 18%, 100%
XYZ	84.4613, 95.3072, 73.6407
YIQ	246.3530, 8.5310, -16.9490

Conversions

Conversions Part 2

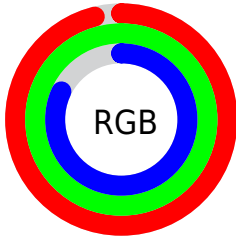
Format	Color
R _Y B	208, 255, 219
Decimal	16056272
CIE Lab	98.16, -11.35, 21.27
CIE LCh	98, 24.105, 118.092
Yxy	95.3072, 0.3333, 0.3761
Android (android.graphics.Color)	4294246352 (0xFFFF4FFD0)
YUV	246.3530, -18.9080, -2.0636
Hunter-Lab	97.6254, -16.4140, 23.6142

Details

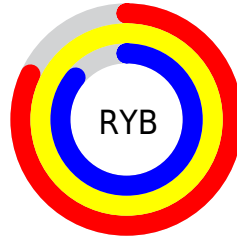
The Yxy color **95.3072, 0.3333, 0.3761** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.4116, 0.2895, 0.2795**, and the grayscale version is **92.6171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.3794, 0.3382, 0.3867** is the 20% darker color. If you saturate the color by 10%, you get **93.1057, 0.3444, 0.4031**, and if you desaturate by 10%, it is **97.7534, 0.3221, 0.3500**.

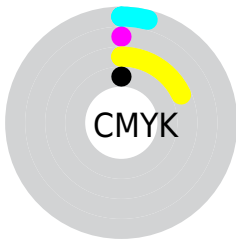
Distribution



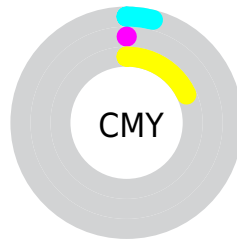
- Red (96%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (86%)



- Cyan (4%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (4%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.3072, 0.3333, 0.3761 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 95.3072, 0.3333, 0.3761 by changing the saturation by 10% instead.

 95.3072, 0.3333,
0.3761

 95.3072, 0.3333,
0.3761

545.1480, 0.3245,
0.3549

 72.3907, 0.3352,
0.3808

154.6889, 0.3304,
0.3689

 53.4779, 0.3374,
0.3865


191.9230, 0.3292,
0.3660

 38.1844, 0.3400,
0.3936


234.6983, 0.3282,
0.3636

 26.1258, 0.3434,
0.4026

283.3993, 0.3273,
0.3614

 16.9178, 0.3475,
0.4146

338.4103, 0.3264,
0.3595

 10.1759, 0.3528,
0.4310

400.1159, 0.3257,

 5.5157, 0.3596,

0.3578

0.4550

468.9003, 0.3251,
0.3563

■ 2.5529, 0.3695,
0.4945

■ 0.9031, 0.3916,
0.6084

■ 95.3072, 0.3333,
0.3761

■ 95.3072, 0.3333,
0.3761

■ 93.1057, 0.3444,
0.4031

■ 97.7534, 0.3221,
0.3500

■ 91.1263, 0.3548,
0.4302

99.9991, 0.3127,
0.3290

■ 89.3626, 0.3641,
0.4564

■ 87.8028, 0.3717,
0.4805

■ 86.4339, 0.3771,
0.5013

■ 85.2410, 0.3800,
0.5180

■ 84.2069, 0.3803,
0.5300

■ 83.3071, 0.3782,
0.5373

■ 83.1718, 0.3777,
0.5383

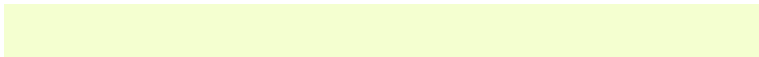
Harmonies

Analogous

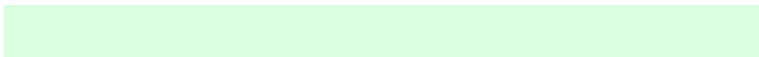
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.3072, 0.3549, 0.3716



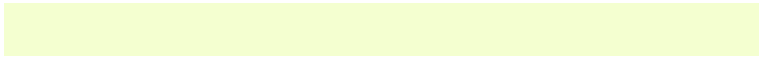
95.3072, 0.3333, 0.3761



95.3072, 0.3068, 0.3666

Triad

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



95.3072, 0.3333, 0.3761



95.3072, 0.2628, 0.2991



95.3072, 0.3429, 0.3126

Complementary

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



95.3072, 0.3333, 0.3761



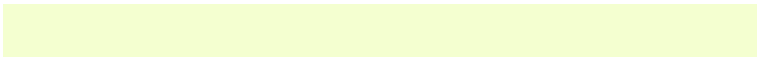
67.4116, 0.2895, 0.2795

Split Complementary

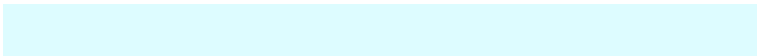
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.3072, 0.3170, 0.2951



95.3072, 0.3333, 0.3761



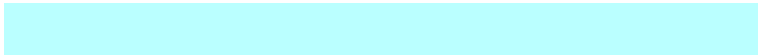
95.3072, 0.2714, 0.2869

Square

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



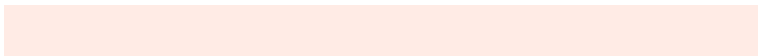
95.3072, 0.3333, 0.3761



95.3072, 0.2668, 0.3204



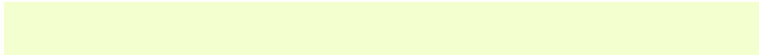
95.3072, 0.2909, 0.2858



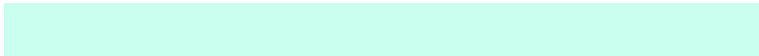
95.3072, 0.3609, 0.3344

Rectangle

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



95.3072, 0.3333, 0.3761



95.3072, 0.2900, 0.3535



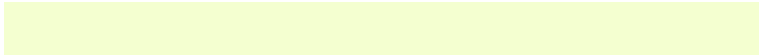
95.3072, 0.2909, 0.2858



95.3072, 0.3348, 0.3061

Sweetspot

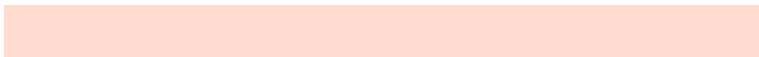
The Sweet Spot groups the original color and five complimentary colors.



95.3114, 0.3333, 0.3761



98.3813, 0.3194, 0.3438



76.4753, 0.3468, 0.3402



21.0211, 0.3201, 0.3455



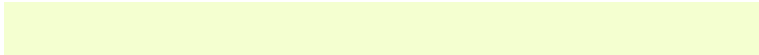
0.0000, 0.0000, 0.0000



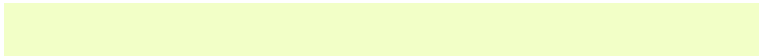
21.4041, 0.3127, 0.3290

Same Dimension

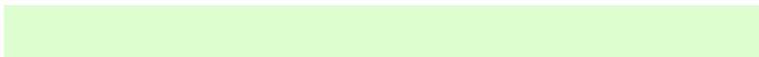
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.3114, 0.3333, 0.3761



94.4955, 0.3373, 0.3857



91.3780, 0.3182, 0.3784



20.8641, 0.3233, 0.3527



43.5309, 0.3784, 0.5377



4.2878, 0.3833, 0.5339

Inverse Universe

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



67.4116, 0.2895, 0.2795



62.0203, 0.2843, 0.2688



71.3105, 0.3059, 0.2819



17.5826, 0.3015, 0.3047



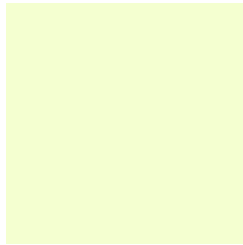
4.3240, 0.1627, 0.0670



0.4681, 0.1733, 0.0728

Previews

White Background



This preview shows how the Yxy color 95.3072, 0.3333, 0.3761 looks on a white background.

Color Contrast Check

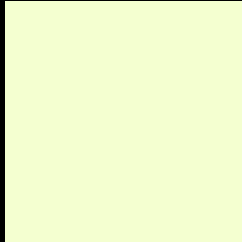
Large Text (above 18pt) WCAG AA × Fail

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 95.3072, 0.3333, 0.3761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

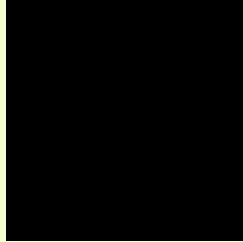
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

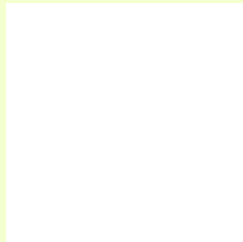
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.3072, 0.3333, 0.3761

Background



This preview shows how black text looks on a background with the Yxy color 95.3072, 0.3333, 0.3761.

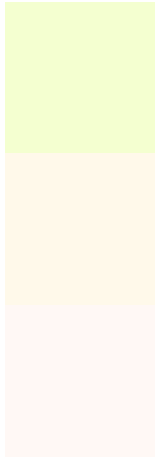


This preview shows how white text looks on a background with the Yxy color 95.3072, 0.3333, 0.3761.

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

95.3072, 0.3333, 0.3761

Protanopia

94.9519, 0.3256, 0.3436

Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

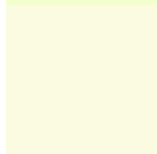
95.2954, 0.3098, 0.3232

Trichromacy



Original Color

95.3072, 0.3333, 0.3761



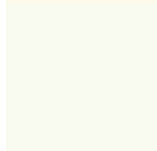
Protanomaly

94.9398, 0.3282, 0.3546



Deuteranomaly

95.3298, 0.3240, 0.3476



Tritanomaly

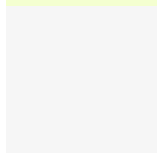
95.1239, 0.3185, 0.3418

Monochromacy



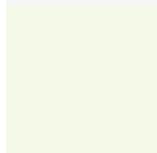
Original Color

95.3072, 0.3333, 0.3761



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

92.9900, 0.3203, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.3072, 0.3333, 0.3761 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(244, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 208)  
}
```

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(244, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 208) }
```

Border

The CSS property to change the border of an element to Yxy 95.3072, 0.3333, 0.3761 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(244, 255, 208) }
```

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

```
.border{ border-color:rgb(244, 255, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 95.3072, 0.3333, 0.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 208) }
```

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

```
.background{ background-color: rgb(244,  
255, 208) }
```

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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