

Converting Colors

$Y_{xy}(103.9885, 0.3231, 0.3657)$

Have a look what the booklet for
Yxy(103.9885, 0.3231, 0.3657)
contains.

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Color

Yxy(97.0779, 0.3241, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFE4
RGB	248, 255, 228
RGB Percent	97%, 100%, 89%
CMY	0.0273, 0.0000, 0.1060
CMYK	0.03, 0.00, 0.11, 0.00
HSL	75°, 100%, 95%
HSV	75°, 11%, 100%
XYZ	88.4785, 97.0779, 87.4411
YIQ	249.8290, 4.4950, -9.8810

Conversions

Conversions Part 2

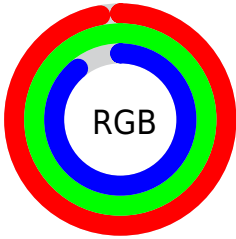
Format	Color
R_{YB}	228, 255, 235
Decimal	16318436
CIE _{Lab}	98.86, -6.88, 12.13
CIE _{LCh}	99, 13.945, 119.543
Yxy	97.0779, 0.3241, 0.3556
Android (android.graphics.Color)	4294508516 (0xFFFF8FFE4)
YUV	249.8290, -10.7617, -1.6040
Hunter-Lab	98.5281, -12.1308, 16.3514

Details

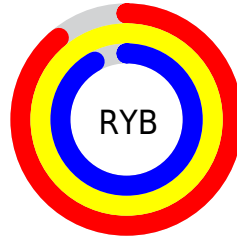
The Yxy color 97.0779, 0.3241, 0.3556 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 80.3328, 0.3005, 0.3017, and the grayscale version is 95.5411, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.6118, 0.3264, 0.3603 is the 20% darker color. If you saturate the color by 10%, you get 94.5885, 0.3349, 0.3821, and if you desaturate by 10%, it is 99.8258, 0.3134, 0.3305.

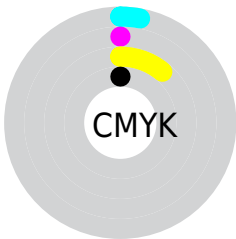
Distribution



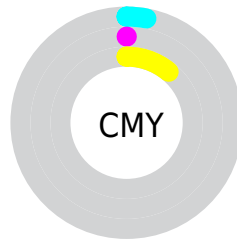
- Red (97%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (92%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.0779, 0.3241, 0.3556 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 97.0779, 0.3241, 0.3556 by changing the saturation by 10% instead.


 97.0779, 0.3241,
0.3556

 97.0779, 0.3241,
0.3556

550.7960, 0.3192,
0.3438

 73.8656, 0.3252,
0.3582


157.1322, 0.3225,
0.3516

 54.6841, 0.3264,
0.3614


194.7430, 0.3218,
0.3500

 39.1488, 0.3280,
0.3653


237.9221, 0.3212,
0.3486

 26.8755, 0.3299,
0.3703

287.0539, 0.3207,
0.3474

 17.4798, 0.3324,
0.3769

342.5228, 0.3203,
0.3463

 10.5771, 0.3357,
0.3859

404.7132, 0.3199,

 5.7833, 0.3403,

0.3454

0.3992

474.0094, 0.3195,
0.3445

■ 2.7137, 0.3471,
0.4203

■ 0.9842, 0.3883,
0.5000

■ 97.0779, 0.3241,
0.3556

■ 97.0779, 0.3241,
0.3556

■ 94.5885, 0.3349,
0.3821

99.8258, 0.3134,
0.3305

■ 92.3368, 0.3455,
0.4094

100.0000, 0.3127,
0.3290

■ 90.3164, 0.3553,
0.4367

■ 88.5162, 0.3638,
0.4629

■ 86.9242, 0.3705,
0.4868

■ 85.5268, 0.3750,
0.5074

■ 84.3087, 0.3769,
0.5235

■ 83.2516, 0.3762,
0.5349

■ 82.3779, 0.3736,
0.5416

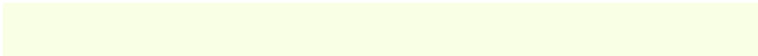
Harmonies

Analogous

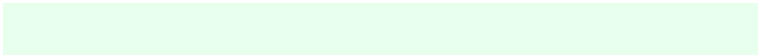
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.0779, 0.3366, 0.3539



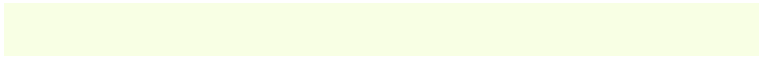
97.0779, 0.3241, 0.3556



97.0779, 0.3088, 0.3497

Triad

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



97.0779, 0.3241, 0.3556



97.0779, 0.2836, 0.3116



97.0779, 0.3307, 0.3201

Complementary

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



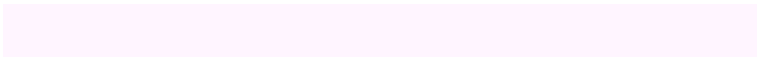
97.0779, 0.3241, 0.3556



80.3328, 0.3005, 0.3017

Split Complementary

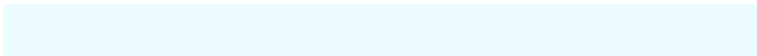
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.0779, 0.3161, 0.3095



97.0779, 0.3241, 0.3556



97.0779, 0.2891, 0.3044

Square

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



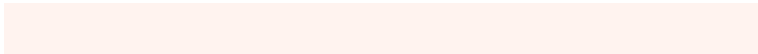
97.0779, 0.3241, 0.3556



97.0779, 0.2857, 0.3238



97.0779, 0.3009, 0.3038



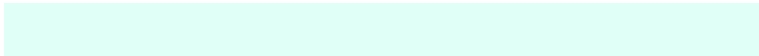
97.0779, 0.3405, 0.3332

Rectangle

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



97.0779, 0.3241, 0.3556



97.0779, 0.2991, 0.3423



97.0779, 0.3009, 0.3038



97.0779, 0.3262, 0.3162

Sweetspot

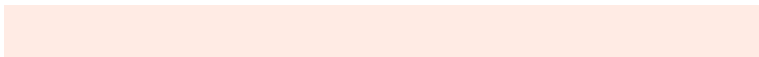
The Sweet Spot groups the original color and five complimentary colors.



97.0816, 0.3241, 0.3556



99.1452, 0.3159, 0.3363



86.1145, 0.3309, 0.3357



21.1731, 0.3168, 0.3383



0.0000, 0.0000, 0.0000



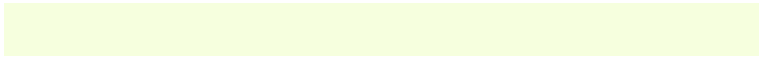
21.4041, 0.3127, 0.3290

Same Dimension

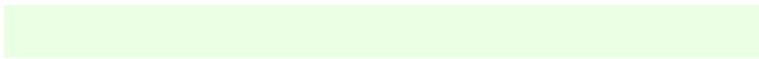
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.0816, 0.3241, 0.3556



96.4619, 0.3267, 0.3618



94.7333, 0.3156, 0.3563



20.8414, 0.3229, 0.3528



43.1197, 0.3743, 0.5410



4.2508, 0.3797, 0.5367

Inverse Universe

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



80.3328, 0.3005, 0.3017



76.2705, 0.2975, 0.2951



82.6837, 0.3094, 0.3025



17.6039, 0.3019, 0.3047



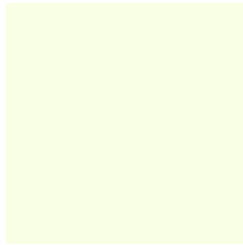
4.4323, 0.1651, 0.0683



0.4813, 0.1762, 0.0744

Previews

White Background



This preview shows how the Yxy color 97.0779, 0.3241, 0.3556 looks on a white background.

Color Contrast Check

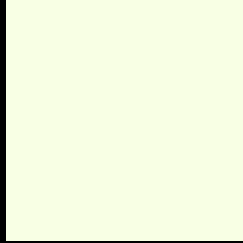
Large Text (above 18pt) WCAG AA × Fail

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 97.0779, 0.3241, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

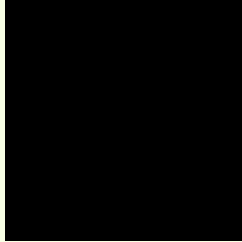
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.0779, 0.3241, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 97.0779, 0.3241, 0.3556.

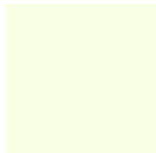


This preview shows how white text looks on a background with the Yxy color 97.0779, 0.3241, 0.3556.

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

97.0779, 0.3241, 0.3556



Protanopia

96.7860, 0.3194, 0.3357

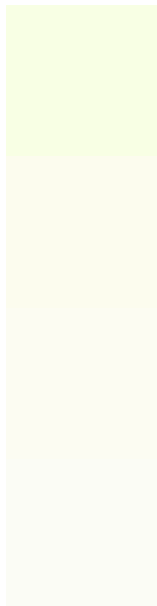
Deuteranopia

97.1565, 0.3158, 0.3300

Tritanopia

96.9098, 0.3110, 0.3252

Trichromacy



Original Color

97.0779, 0.3241, 0.3556

Protanomaly

96.4893, 0.3209, 0.3426

Deuteranomaly

96.7271, 0.3186, 0.3387

Tritanomaly

96.7226, 0.3162, 0.3358

Monochromacy



Original Color

97.0779, 0.3241, 0.3556

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

96.1713, 0.3167, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.0779, 0.3241, 0.3556 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(248, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 228)  
}
```

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(248, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 228) }
```

Border

The CSS property to change the border of an element to Yxy 97.0779, 0.3241, 0.3556 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(248, 255, 228) }
```

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

```
.border{ border-color:rgb(248, 255, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 255, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 255, 228); box-shadow:4px 4px 4px 4px rgb(248, 255, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 97.0779, 0.3241, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 228) }
```

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

```
.background{ background-color: rgb(248,  
255, 228) }
```

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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