

Converting Colors

Yxy(97.0724, 0.3229, 0.3541)

Have a look what the booklet for
Yxy(97.0724, 0.3229, 0.3541)
contains.

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Color

Yxy(97.1336, 0.3235, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFE5
RGB	248, 255, 229
RGB Percent	97%, 100%, 90%
CMY	0.0274, 0.0000, 0.1021
CMYK	0.03, 0.00, 0.10, 0.00
HSL	76°, 100%, 95%
HSV	76°, 10%, 100%
XYZ	88.6146, 97.1336, 88.1763
YIQ	249.9430, 4.1740, -9.5700

Conversions

Conversions Part 2

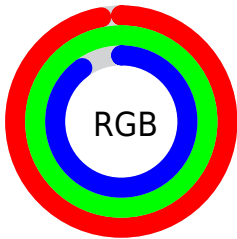
Format	Color
R _Y B	229, 255, 236
Decimal	16318437
CIE Lab	98.88, -6.72, 11.65
CIE LCh	99, 13.449, 119.978
Yxy	97.1336, 0.3235, 0.3546
Android (android.graphics.Color)	4294508517 (0xFFFF8FFE5)
YUV	249.9430, -10.3249, -1.7040
Hunter-Lab	98.5564, -11.9798, 15.9440

Details

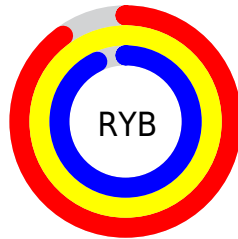
The Yxy color 97.1336, 0.3235, 0.3546 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 81.0591, 0.3012, 0.3028, and the grayscale version is 95.6335, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.6506, 0.3257, 0.3591 is the 20% darker color. If you saturate the color by 10%, you get 94.5871, 0.3341, 0.3811, and if you desaturate by 10%, it is 99.9378, 0.3129, 0.3295.

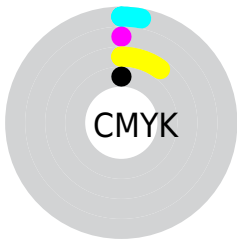
Distribution



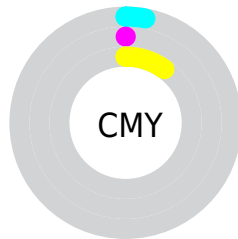
- Red (97%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (93%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.1336, 0.3235, 0.3546 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 97.1336, 0.3235, 0.3546 by changing the saturation by 10% instead.


 97.1336, 0.3235,
0.3546

 97.1336, 0.3235,
0.3546


550.9731, 0.3188,
0.3432

 73.9120, 0.3245,
0.3571


157.2090, 0.3219,
0.3507

 54.7221, 0.3257,
0.3601

194.8316, 0.3213,
0.3492

 39.1792, 0.3272,
0.3639


238.0234, 0.3208,
0.3479

 26.8992, 0.3290,
0.3687

287.1687, 0.3203,
0.3467

 17.4975, 0.3314,
0.3750

342.6519, 0.3199,
0.3457

 10.5898, 0.3345,
0.3837

404.8575, 0.3195,

 5.7918, 0.3389,

0.3448

0.3965

474.1697, 0.3191,
0.3440

■ 2.7189, 0.3454,
0.4168

■ 0.9868, 0.3827,
0.4902

■ 97.1336, 0.3235,
0.3546

■ 97.1336, 0.3235,
0.3546

■ 94.5871, 0.3341,
0.3811

99.9378, 0.3129,
0.3295

■ 92.2844, 0.3445,
0.4085

100.0000, 0.3127,
0.3290

■ 90.2168, 0.3542,
0.4359

■ 88.3731, 0.3626,
0.4623

■ 86.7413, 0.3692,
0.4866

■ 85.3079, 0.3736,
0.5075

■ 84.0576, 0.3754,
0.5241

■ 82.9720, 0.3746,
0.5358

■ 82.0405, 0.3718,
0.5430

Harmonies

Analogous

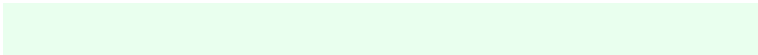
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.1336, 0.3356, 0.3531



97.1336, 0.3235, 0.3546



97.1336, 0.3087, 0.3488

Triad

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



97.1336, 0.3235, 0.3546



97.1336, 0.2847, 0.3120



97.1336, 0.3303, 0.3206

Complementary

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



97.1336, 0.3235, 0.3546



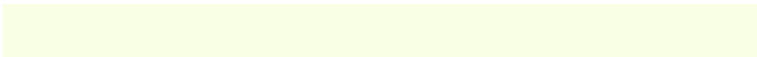
81.0591, 0.3012, 0.3028

Split Complementary

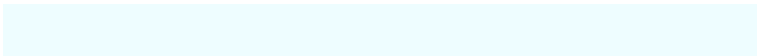
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.1336, 0.3162, 0.3103



97.1336, 0.3235, 0.3546



97.1336, 0.2901, 0.3052

Square

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



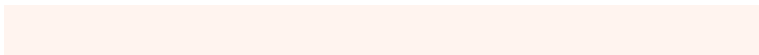
97.1336, 0.3235, 0.3546



97.1336, 0.2865, 0.3238



97.1336, 0.3015, 0.3047



97.1336, 0.3396, 0.3332

Rectangle

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



97.1336, 0.3235, 0.3546



97.1336, 0.2994, 0.3417



97.1336, 0.3015, 0.3047



97.1336, 0.3259, 0.3168

Sweetspot

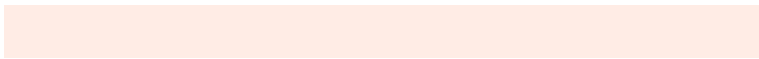
The Sweet Spot groups the original color and five complimentary colors.



97.1350, 0.3235, 0.3546



99.1302, 0.3159, 0.3363



86.8506, 0.3301, 0.3359



21.1690, 0.3167, 0.3383



0.0000, 0.0000, 0.0000



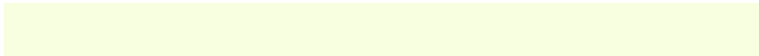
21.4041, 0.3127, 0.3290

Same Dimension

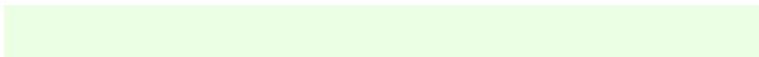
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.1350, 0.3235, 0.3546



96.6610, 0.3254, 0.3592



94.8432, 0.3153, 0.3552



20.8315, 0.3227, 0.3528



42.9450, 0.3726, 0.5424



4.2350, 0.3781, 0.5380

Inverse Universe

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



81.0591, 0.3012, 0.3028



78.0033, 0.2990, 0.2979



83.3623, 0.3098, 0.3035



17.6132, 0.3021, 0.3047



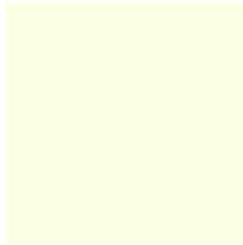
4.4833, 0.1662, 0.0689



0.4873, 0.1775, 0.0751

Previews

White Background



This preview shows how the Yxy color 97.1336, 0.3235, 0.3546 looks on a white background.

Color Contrast Check

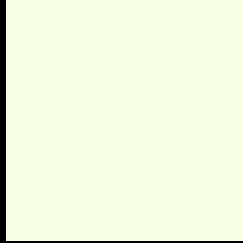
Large Text (above 18pt) WCAG AA × Fail

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 97.1336, 0.3235, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

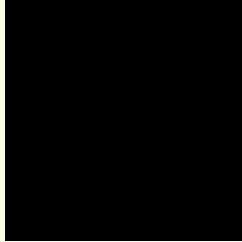
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

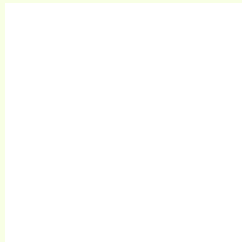
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 97.1336, 0.3235, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 97.1336, 0.3235, 0.3546.



This preview shows how white text looks on a background with the Yxy color 97.1336, 0.3235, 0.3546.

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

97.1336, 0.3235, 0.3546



Protanopia

96.7860, 0.3194, 0.3357

Deuteranopia

97.1565, 0.3158, 0.3300

Tritanopia

96.9098, 0.3110, 0.3252

Trichromacy



Original Color

97.1336, 0.3235, 0.3546

Protanomaly

96.5482, 0.3204, 0.3416

Deuteranomaly

96.7271, 0.3186, 0.3387

Tritanomaly

96.7839, 0.3156, 0.3348

Monochromacy



Original Color

97.1336, 0.3235, 0.3546

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 97.1336, 0.3235, 0.3546 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 229) }
```

Border

The CSS property to change the border of an element to Yxy 97.1336, 0.3235, 0.3546 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, 229) }
```

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

```
.border{ border-color:rgb(248, 255, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 97.1336, 0.3235, 0.3546 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, 229) }
```

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

```
.background{ background-color: rgb(248,  
255, 229) }
```

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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