

Converting Colors

$Yxy(96.2508, 0.3274, 0.3555)$

Have a look what the booklet for
Yxy(96.2508, 0.3274, 0.3555)
contains.

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Color

Yxy(96.2508, 0.3274, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	FBFDE2
RGB	251, 253, 226
RGB Percent	98%, 99%, 89%
CMY	0.0156, 0.0078, 0.1137
CMYK	0.01, 0.00, 0.11, 0.01
HSL	64°, 87%, 94%
HSV	64°, 11%, 99%
XYZ	88.6428, 96.2508, 85.8541
YIQ	249.3240, 7.4750, -8.8210

Conversions

Conversions Part 2

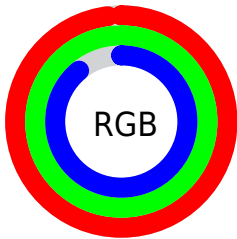
Format	Color
R _Y B	226, 253, 228
Decimal	16514530
CIE Lab	98.53, -5.16, 12.70
CIE LCh	99, 13.709, 112.127
Yxy	96.2508, 0.3274, 0.3555
Android (android.graphics.Color)	4294704610 (0xFFFBFDE2)
YUV	249.3240, -11.4987, 1.4699
Hunter-Lab	98.1075, -10.4085, 16.7904

Details

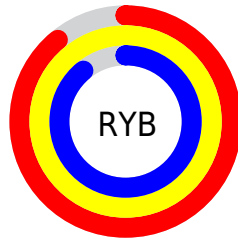
The Yxy color 96.2508, 0.3274, 0.3555 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 77.9716, 0.2972, 0.3013, and the grayscale version is 95.1090, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.8895, 0.3299, 0.3603 is the 20% darker color. If you saturate the color by 10%, you get 94.6255, 0.3414, 0.3812, and if you desaturate by 10%, it is 98.0928, 0.3136, 0.3306.

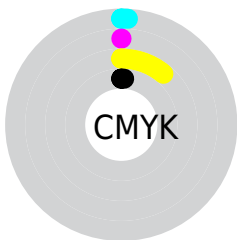
Distribution



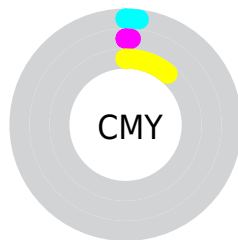
- Red (98%)
- Green (99%)
- Blue (89%)



- Red (89%)
- Yellow (99%)
- Blue (89%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)



- Cyan (2%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.2508, 0.3274, 0.3555 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 96.2508, 0.3274, 0.3555 by changing the saturation by 10% instead.


 96.2508, 0.3274,
0.3555

 96.2508, 0.3274,
0.3555

548.1616, 0.3210,
0.3437

 73.1765, 0.3288,
0.3581

155.9915, 0.3252,
0.3515

 54.1203, 0.3304,
0.3612


193.4267, 0.3244,
0.3499

 38.6978, 0.3325,
0.3651


236.4175, 0.3236,
0.3486

 26.5247, 0.3350,
0.3701

285.3485, 0.3230,
0.3474

 17.2166, 0.3384,
0.3766

340.6040, 0.3224,
0.3463

 10.3890, 0.3428,
0.3855

402.5684, 0.3219,

 5.6577, 0.3491,

0.3453

0.3986

471.6262, 0.3214,
0.3445

■ 2.6381, 0.3585,
0.4193

■ 0.9458, 0.4153,
0.5090

■ 96.2508, 0.3274,
0.3555

■ 96.2508, 0.3274,
0.3555

■ 94.6255, 0.3414,
0.3812

■ 98.0928, 0.3136,
0.3306

■ 93.1952, 0.3553,
0.4069

■ 98.6773, 0.3126,
0.3271

■ 91.9547, 0.3685,
0.4319

■ 98.7299, 0.3128,
0.3271

■ 90.8935, 0.3804,
0.4550

■ 90.0002, 0.3905,
0.4753

■ 89.2620, 0.3983,
0.4919

■ 88.6641, 0.4035,
0.5041

■ 88.1892, 0.4060,
0.5118

■ 87.8309, 0.4064,
0.5155

Harmonies

Analogous

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



96.2508, 0.3384, 0.3520



96.2508, 0.3274, 0.3555



96.2508, 0.3126, 0.3515

Triad

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



96.2508, 0.3274, 0.3555



96.2508, 0.2838, 0.3144



96.2508, 0.3272, 0.3173

Complementary

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



96.2508, 0.3274, 0.3555



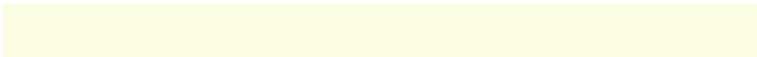
77.9716, 0.2972, 0.3013

Split Complementary

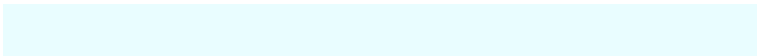
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.2508, 0.3123, 0.3078



96.2508, 0.3274, 0.3555



96.2508, 0.2875, 0.3059

Square

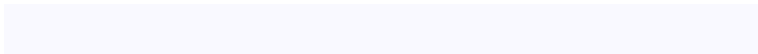
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



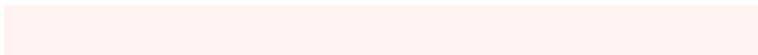
96.2508, 0.3274, 0.3555



96.2508, 0.2877, 0.3273



96.2508, 0.2978, 0.3036



96.2508, 0.3384, 0.3299

Rectangle

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



96.2508, 0.3274, 0.3555



96.2508, 0.3027, 0.3451



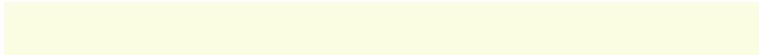
96.2508, 0.2978, 0.3036



96.2508, 0.3224, 0.3137

Sweetspot

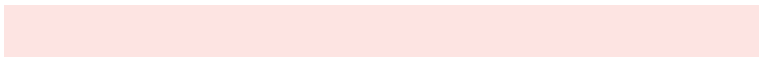
The Sweet Spot groups the original color and five complimentary colors.



96.2550, 0.3274, 0.3555



99.4112, 0.3168, 0.3363



81.7484, 0.3316, 0.3309



21.2451, 0.3179, 0.3383



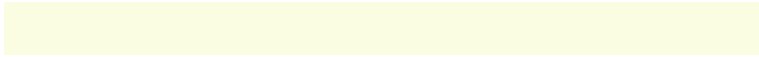
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



96.2550, 0.3274, 0.3555



97.5896, 0.3307, 0.3614



93.8656, 0.3188, 0.3562



21.0193, 0.3258, 0.3526



46.7511, 0.4066, 0.5154



4.5713, 0.4081, 0.5142

Inverse Universe

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



77.9716, 0.2972, 0.3013



75.2735, 0.2935, 0.2947



80.2360, 0.3060, 0.3020



17.4411, 0.2990, 0.3045



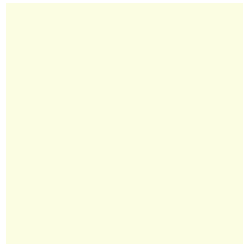
3.8657, 0.1522, 0.0612



0.3974, 0.1572, 0.0640

Previews

White Background



This preview shows how the Yxy color 96.2508, 0.3274, 0.3555 looks on a white background.

Color Contrast Check

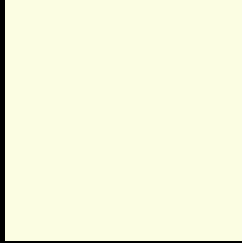
Large Text (above 18pt) WCAG AA × Fail

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 96.2508, 0.3274, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

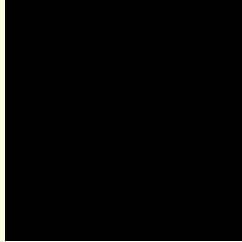
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.2508, 0.3274, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 96.2508, 0.3274, 0.3555.



This preview shows how white text looks on a background with the Yxy color 96.2508, 0.3274, 0.3555.

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

96.2508, 0.3274, 0.3555



Protanopia

95.9821, 0.3212, 0.3377

Deuteranopia

96.4085, 0.3171, 0.3309

Tritanopia

96.2867, 0.3111, 0.3242

Trichromacy



Original Color

96.2508, 0.3274, 0.3555

Protanomaly

96.1213, 0.3235, 0.3436

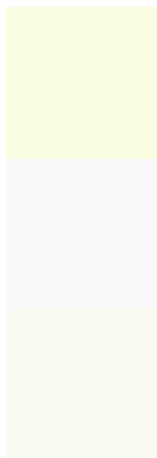
Deuteranomaly

96.3565, 0.3211, 0.3397

Tritanomaly

96.2215, 0.3175, 0.3358

Monochromacy



Original Color

96.2508, 0.3274, 0.3555

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.0461, 0.3180, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.2508, 0.3274, 0.3555 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(251, 253, 226)` looks like.

```
.text, #text, p{  
    color:rgb(251, 253, 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(251, 253, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 253, 226) }
```

Border

The CSS property to change the border of an element to Yxy 96.2508, 0.3274, 0.3555 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(251, 253, 226) }
```

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

```
.border{ border-color:rgb(251, 253, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 253, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 253, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 253, 226);  
box-shadow:4px 4px 4px 4px rgb(251, 253,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 96.2508, 0.3274, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 253, 226) }
```

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

```
.background{ background-color: rgb(251,  
253, 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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