

Converting Colors

$Y_{xy}(100.0000, 0.3494, 0.3436)$

Have a look what the booklet for
Yxy(100.0000, 0.3494, 0.3436)
contains.

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Color

Yxy(93.5511, 0.3276, 0.3446)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7E7
RGB	255, 247, 231
RGB Percent	100%, 97%, 91%
CMY	0.0000, 0.0314, 0.0940
CMYK	0.00, 0.03, 0.09, 0.00
HSL	40°, 100%, 95%
HSV	40°, 9%, 100%
XYZ	88.9360, 93.5511, 88.9903
YIQ	247.5680, 9.9040, -3.2800

Conversions

Conversions Part 2

Format	Color
R_{YB}	243, 255, 231
Decimal	16775143
CIE _{Lab}	97.45, 0.03, 8.61
CIE _{LCh}	97, 8.612, 89.775
Yxy	93.5511, 0.3276, 0.3446
Android (android.graphics.Color)	4294965223 (0xFFFFF7E7)
YUV	247.5680, -8.1680, 6.5179
Hunter-Lab	96.7218, -5.1319, 13.1547

Details

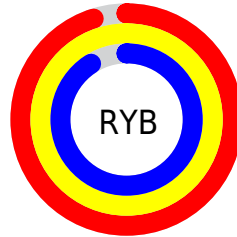
The Yxy color 93.5511, 0.3276, 0.3446 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.9662, 0.2981, 0.3129, and the grayscale version is 93.5591, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.3625, 0.3309, 0.3489 is the 20% darker color. If you saturate the color by 10%, you get 87.1213, 0.3450, 0.3620, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

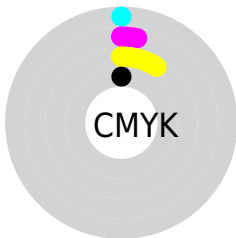
Distribution



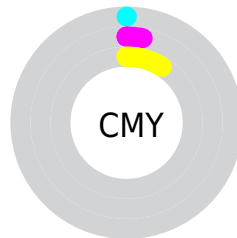
- Red (100%)
- Green (97%)
- Blue (91%)



- Red (95%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.5511, 0.3276, 0.3446 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 93.5511, 0.3276, 0.3446 by changing the saturation by 10% instead.


 93.5511, 0.3276,
0.3446

 93.5511, 0.3276,
0.3446


539.5160, 0.3210,
0.3377

 70.9296, 0.3290,
0.3461


152.2614, 0.3254,
0.3423

 52.2848, 0.3308,
0.3479


189.1190, 0.3245,
0.3413

 37.2321, 0.3329,
0.3502


231.4907, 0.3237,
0.3405

 25.3873, 0.3357,
0.3531

279.7611, 0.3230,
0.3398

 16.3658, 0.3393,
0.3569

334.3144, 0.3225,
0.3392

 9.7834, 0.3443,
0.3620

395.5350, 0.3219,

 5.2556, 0.3515,

0.3387

0.3696

463.8075, 0.3214,
0.3382

■ 2.3980, 0.3628,
0.3815

■ 0.8249, 0.4118,
0.4328

■ 93.5511, 0.3276,
0.3446

■ 93.5511, 0.3276,
0.3446

■ 87.1213, 0.3450,
0.3620

100.0000, 0.3127,
0.3290

■ 81.1291, 0.3640,
0.3797

■ 75.5596, 0.3843,
0.3973

■ 70.3992, 0.4055,
0.4138

■ 65.6329, 0.4268,
0.4283

■ 61.2445, 0.4474,
0.4396

■ 57.2159, 0.4661,
0.4465

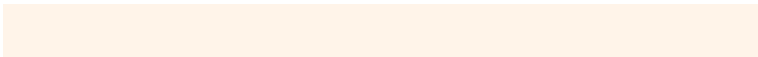
■ 53.5260, 0.4819,
0.4483

■ 50.1444, 0.4945,
0.4452

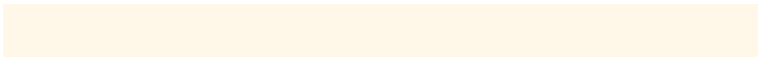
Harmonies

Analogous

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



93.5511, 0.3314, 0.3395



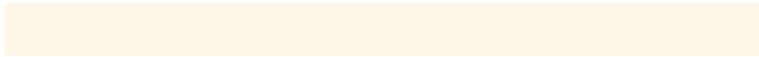
93.5511, 0.3276, 0.3446



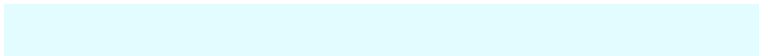
93.5511, 0.3198, 0.3455

Triad

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



93.5511, 0.3276, 0.3446



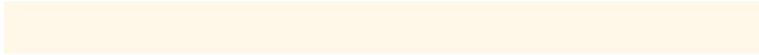
93.5511, 0.2957, 0.3258



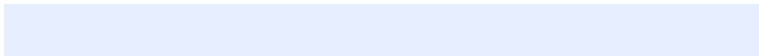
93.5511, 0.3150, 0.3167

Complementary

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



93.5511, 0.3276, 0.3446



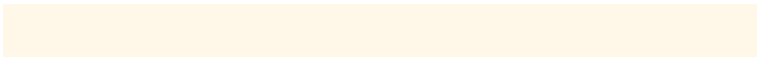
85.9662, 0.2981, 0.3129

Split Complementary

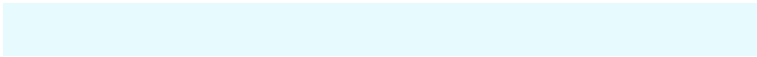
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.5511, 0.3054, 0.3131



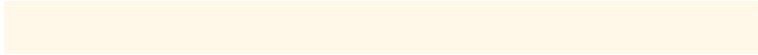
93.5511, 0.3276, 0.3446



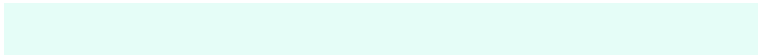
93.5511, 0.2944, 0.3181

Square

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



93.5511, 0.3276, 0.3446



93.5511, 0.3014, 0.3345



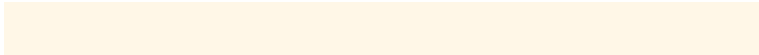
93.5511, 0.2980, 0.3135



93.5511, 0.3240, 0.3235

Rectangle

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



93.5511, 0.3276, 0.3446



93.5511, 0.3135, 0.3435



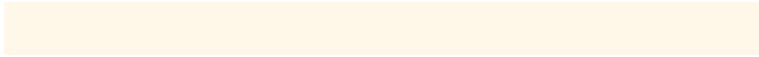
93.5511, 0.2980, 0.3135



93.5511, 0.3117, 0.3151

Sweetspot

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



93.5491, 0.3276, 0.3446



97.8978, 0.3173, 0.3339



84.6841, 0.3238, 0.3208



20.8354, 0.3185, 0.3352



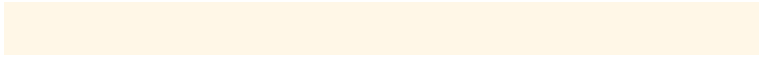
0.0000, 0.0000, 0.0000



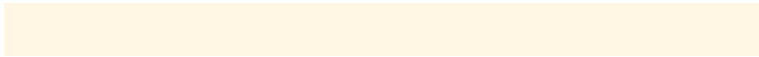
21.4041, 0.3127, 0.3290

Same Dimension

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



93.5491, 0.3276, 0.3446



92.4914, 0.3303, 0.3473



97.8755, 0.3244, 0.3524



20.0086, 0.3277, 0.3448



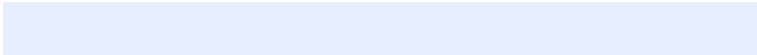
26.3860, 0.4936, 0.4463



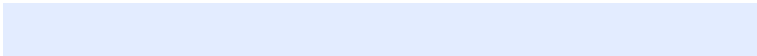
2.7704, 0.4830, 0.4547

Inverse Universe

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



85.9662, 0.2981, 0.3129



83.7167, 0.2955, 0.3100



81.9856, 0.3003, 0.3049



18.3688, 0.2979, 0.3127



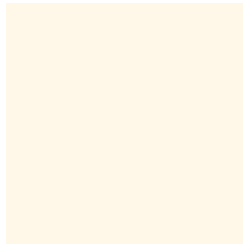
7.4247, 0.1633, 0.1077



0.9144, 0.1695, 0.1300

Previews

White Background



This preview shows how the Yxy color 93.5511, 0.3276, 0.3446 looks on a white background.

Color Contrast Check

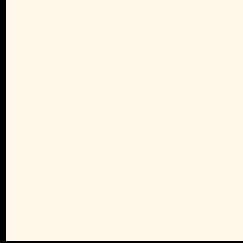
Large Text (above 18pt) WCAG AA × Fail

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 93.5511, 0.3276, 0.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

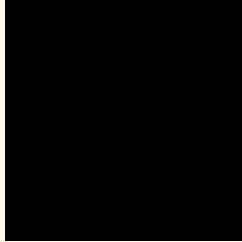
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.5511, 0.3276, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 93.5511, 0.3276, 0.3446.

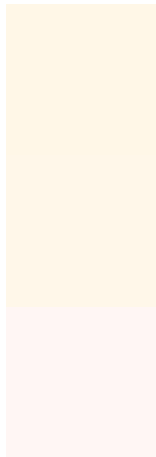


This preview shows how white text looks on a background with the Yxy color 93.5511, 0.3276, 0.3446.

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

93.5511, 0.3276, 0.3446

Protanopia

93.6647, 0.3264, 0.3427

Deuteranopia

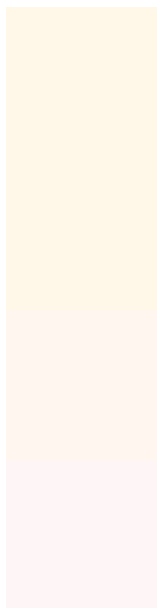
93.7032, 0.3197, 0.3310



Tritanopia

93.5956, 0.3125, 0.3194

Trichromacy



Original Color

93.5511, 0.3276, 0.3446

Protanomaly

93.6077, 0.3270, 0.3437

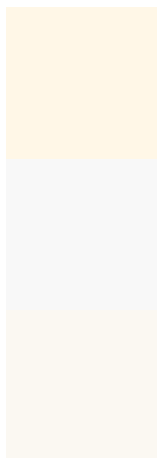
Deuteranomaly

93.4035, 0.3228, 0.3358

Tritanomaly

93.6362, 0.3179, 0.3290

Monochromacy



Original Color

93.5511, 0.3276, 0.3446

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.0548, 0.3182, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.5511, 0.3276, 0.3446 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(255, 247, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 231)  
}
```

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(255, 247, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 231) }
```

Border

The CSS property to change the border of an element to Yxy 93.5511, 0.3276, 0.3446 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(255, 247, 231) }
```

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

```
.border{ border-color:rgb(255, 247, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 93.5511, 0.3276, 0.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 231) }
```

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

```
.background{ background-color: rgb(255,  
247, 231) }
```

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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