

Converting Colors

$Y_{xy}(100.0000, 0.3438, 0.3420)$

Have a look what the booklet for
Yxy(100.0000, 0.3438, 0.3420)
contains.

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Color

Yxy(94.3353, 0.3257, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8EA
RGB	255, 248, 234
RGB Percent	100%, 97%, 92%
CMY	0.0000, 0.0275, 0.0823
CMYK	0.00, 0.03, 0.08, 0.00
HSL	40°, 100%, 96%
HSV	40°, 8%, 100%
XYZ	89.6819, 94.3353, 91.3340
YIQ	248.4970, 8.6660, -2.8700

Conversions

Conversions Part 2

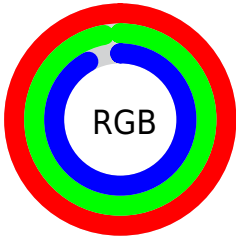
Format	Color
R _{YB}	245, 255, 234
Decimal	16775402
CIE Lab	97.77, 0.03, 7.53
CIE LCh	98, 7.530, 89.737
Yxy	94.3353, 0.3257, 0.3426
Android (android.graphics.Color)	4294965482 (0xFFFFF8EA)
YUV	248.4970, -7.1470, 5.7031
Hunter-Lab	97.1264, -5.1527, 12.2344

Details

The Yxy color 94.3353, 0.3257, 0.3426 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.6464, 0.2999, 0.3150, and the grayscale version is 94.3423, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.9194, 0.3284, 0.3464 is the 20% darker color. If you saturate the color by 10%, you get 87.8366, 0.3429, 0.3599, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

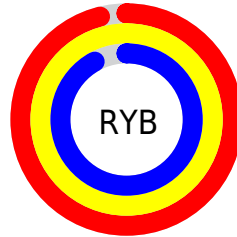
Distribution



Red (100%)

Green (97%)

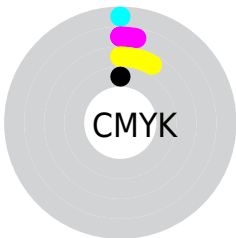
Blue (92%)



Red (96%)

Yellow (100%)

Blue (92%)

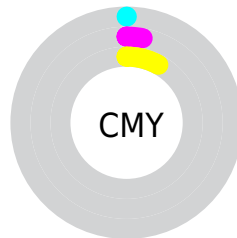


Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.3353, 0.3257, 0.3426 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 94.3353, 0.3257, 0.3426 by changing the saturation by 10% instead.

 94.3353, 0.3257,
0.3426

 94.3353, 0.3257,
0.3426


542.0348, 0.3200,
0.3366

 71.5819, 0.3270,
0.3439


153.3460, 0.3238,
0.3406

 52.8172, 0.3285,
0.3455


190.3720, 0.3230,
0.3398

 37.6568, 0.3303,
0.3475


232.9244, 0.3223,
0.3391

 25.7165, 0.3327,
0.3500


281.3874, 0.3217,
0.3385

 16.6116, 0.3359,
0.3532

336.1456, 0.3212,
0.3379

 9.9580, 0.3402,
0.3577

397.5833, 0.3208,

 5.3711, 0.3464,

0.3374

0.3643

466.0849, 0.3203,
0.3370

■ 2.4666, 0.3563,
0.3746

■ 0.8598, 0.3919,
0.4119

■ 94.3353, 0.3257,
0.3426

■ 94.3353, 0.3257,
0.3426

■ 87.8366, 0.3429,
0.3599

100.0000, 0.3127,
0.3290

■ 81.7868, 0.3617,
0.3776

■ 76.1621, 0.3819,
0.3952

■ 70.9488, 0.4030,
0.4119

■ 66.1322, 0.4244,
0.4267

■ 61.6962, 0.4451,
0.4384

■ 57.6228, 0.4641,
0.4458

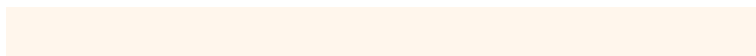
■ 53.8915, 0.4803,
0.4483

■ 50.4752, 0.4932,
0.4456

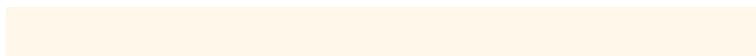
Harmonies

Analogous

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



94.3353, 0.3290, 0.3382



94.3353, 0.3257, 0.3426



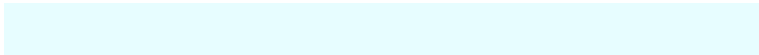
94.3353, 0.3189, 0.3434

Triad

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



94.3353, 0.3257, 0.3426



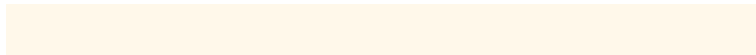
94.3353, 0.2978, 0.3262



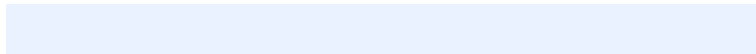
94.3353, 0.3147, 0.3183

Complementary

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



94.3353, 0.3257, 0.3426



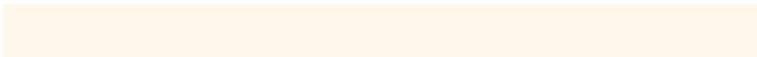
87.6464, 0.2999, 0.3150

Split Complementary

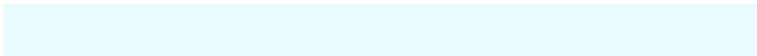
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.3353, 0.3064, 0.3151



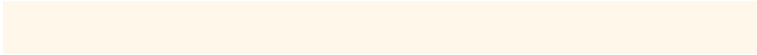
94.3353, 0.3257, 0.3426



94.3353, 0.2967, 0.3196

Square

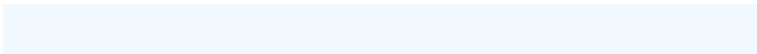
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.3353, 0.3257, 0.3426



94.3353, 0.3029, 0.3338



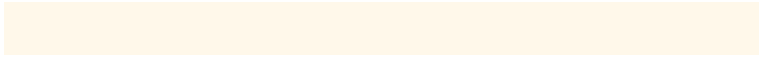
94.3353, 0.2998, 0.3155



94.3353, 0.3226, 0.3242

Rectangle

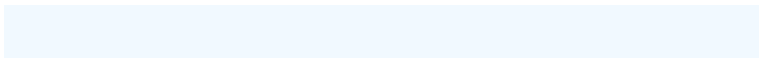
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.3353, 0.3257, 0.3426



94.3353, 0.3134, 0.3416



94.3353, 0.2998, 0.3155



94.3353, 0.3119, 0.3168

Sweetspot

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



94.3242, 0.3256, 0.3426



98.5922, 0.3158, 0.3322



86.4869, 0.3223, 0.3219



21.1176, 0.3156, 0.3321



0.0000, 0.0000, 0.0000



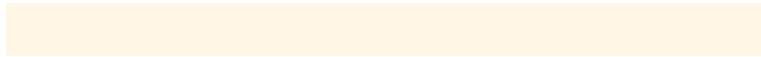
21.4041, 0.3127, 0.3290

Same Dimension

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



94.3242, 0.3256, 0.3426



93.1429, 0.3286, 0.3456



98.1293, 0.3230, 0.3494



20.0069, 0.3278, 0.3448



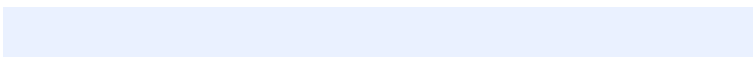
26.3586, 0.4938, 0.4461



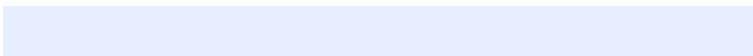
2.7679, 0.4831, 0.4546

Inverse Universe

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



87.6464, 0.2999, 0.3150



85.1269, 0.2971, 0.3118



84.1071, 0.3020, 0.3080



18.3705, 0.2979, 0.3127



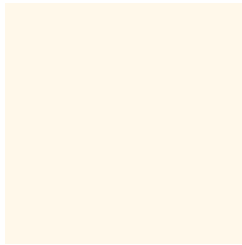
7.4366, 0.1633, 0.1078



0.9157, 0.1695, 0.1302

Previews

White Background



This preview shows how the Yxy color 94.3353, 0.3257, 0.3426 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 94.3353, 0.3257, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

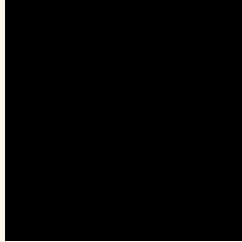
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.3353, 0.3257, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 94.3353, 0.3257, 0.3426.

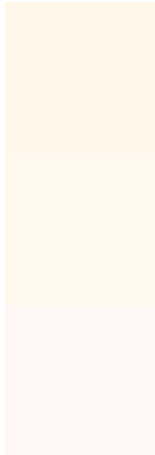


This preview shows how white text looks on a background with the Yxy color 94.3353, 0.3257, 0.3426.

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

94.3353, 0.3257, 0.3426

Protanopia

94.5092, 0.3238, 0.3397

Deuteranopia

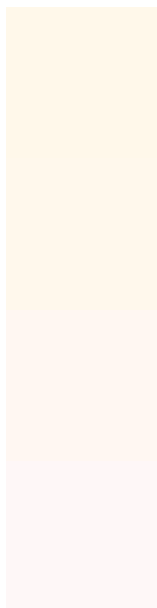
94.4353, 0.3185, 0.3300



Tritanopia

94.0142, 0.3118, 0.3204

Trichromacy



Original Color

94.3353, 0.3257, 0.3426

Protanomaly

94.4509, 0.3244, 0.3407

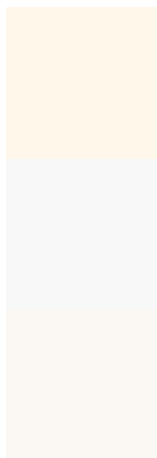
Deuteranomaly

94.1923, 0.3209, 0.3339

Tritanomaly

94.3078, 0.3172, 0.3290

Monochromacy



Original Color

94.3353, 0.3257, 0.3426

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.1151, 0.3176, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3353, 0.3257, 0.3426 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 $rgb(255, 248, 234)$ looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 234)  
}
```

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, 248, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 234) }
```

Border

The CSS property to change the border of an element to Yxy 94.3353, 0.3257, 0.3426 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, 248, 234) }
```

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

```
.border{ border-color:rgb(255, 248, 234) }
```

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

Here you see how a box with a 4 pixel rgb(255, 248, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3353, 0.3257, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 234) }
```

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

```
.background{ background-color: rgb(255,  
248, 234) }
```

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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