

Converting Colors

Yxy(94.9163, 0.3238, 0.3384)

Have a look what the booklet for
Yxy(94.9163, 0.3238, 0.3384)
contains.

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Color

Yxy(94.5678, 0.3232, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8EE
RGB	255, 248, 238
RGB Percent	100%, 97%, 93%
CMY	0.0000, 0.0274, 0.0666
CMYK	0.00, 0.03, 0.07, 0.00
HSL	35°, 100%, 97%
HSV	35°, 7%, 100%
XYZ	90.2401, 94.5678, 94.4003
YIQ	248.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

Format	Color
R _Y B	250, 255, 238
Decimal	16775406
CIE Lab	97.86, 0.65, 5.60
CIE LCh	98, 5.641, 83.409
Yxy	94.5678, 0.3232, 0.3387
Android (android.graphics.Color)	4294965486 (0xFFFFF8EE)
YUV	248.9530, -5.3998, 5.3032
Hunter-Lab	97.2460, -4.5402, 10.5172

Details

The Yxy color 94.5678, 0.3232, 0.3387 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.7094, 0.3024, 0.3191, and the grayscale version is 94.7343, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.0824, 0.3253, 0.3414 is the 20% darker color. If you saturate the color by 10%, you get 86.9027, 0.3406, 0.3540, and if you desaturate by 10%, it is 99.9988, 0.3127, 0.3290.

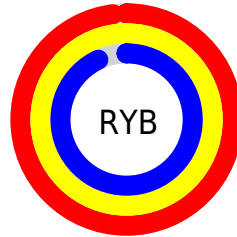
Distribution



Red (100%)

Green (97%)

Blue (93%)



Red (98%)

Yellow (100%)

Blue (93%)



Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (3%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.5678, 0.3232, 0.3387 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 94.5678, 0.3232, 0.3387 by changing the saturation by 10% instead.


 94.5678, 0.3232,
0.3387

 94.5678, 0.3232,
0.3387


542.7804, 0.3186,
0.3344

 71.7753, 0.3242,
0.3396


153.6674, 0.3216,
0.3373

 52.9751, 0.3254,
0.3408

190.7432, 0.3210,
0.3367

 37.7829, 0.3270,
0.3422


233.3490, 0.3205,
0.3362

 25.8143, 0.3289,
0.3439

281.8691, 0.3200,
0.3358

 16.6847, 0.3314,
0.3462

336.6879, 0.3196,
0.3354

 10.0100, 0.3349,
0.3494

398.1898, 0.3192,

 5.4056, 0.3400,

0.3350

0.3540

466.7591, 0.3189,
0.3347

■ 2.4871, 0.3480,
0.3613

■ 0.8702, 0.3715,
0.3835

■ 94.5678, 0.3232,
0.3387

■ 94.5678, 0.3232,
0.3387

■ 86.9027, 0.3406,
0.3540

99.9988, 0.3127,
0.3290

■ 79.7931, 0.3600,
0.3697

■ 73.2274, 0.3813,
0.3856

■ 67.1893, 0.4042,
0.4008

■ 61.6612, 0.4281,
0.4143

■ 56.6242, 0.4522,
0.4251

■ 52.0574, 0.4751,
0.4317

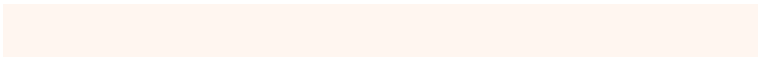
■ 47.9374, 0.4954,
0.4333

■ 44.2361, 0.5123,
0.4295

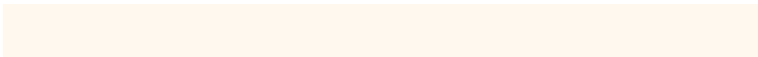
Harmonies

Analogous

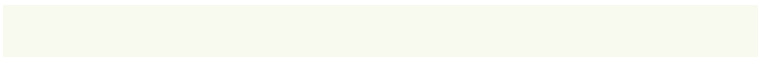
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5678, 0.3250, 0.3350



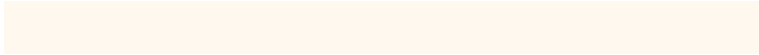
94.5678, 0.3232, 0.3387



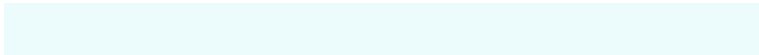
94.5678, 0.3186, 0.3399

Triad

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



94.5678, 0.3232, 0.3387



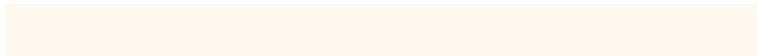
94.5678, 0.3021, 0.3282



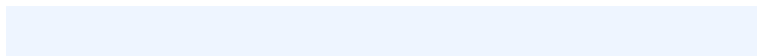
94.5678, 0.3129, 0.3202

Complementary

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



94.5678, 0.3232, 0.3387



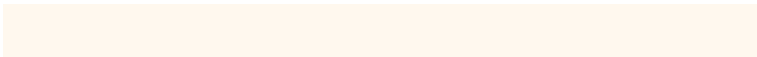
90.7094, 0.3024, 0.3191

Split Complementary

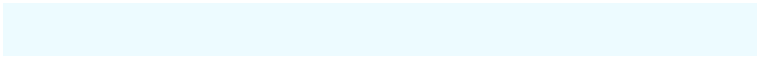
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.5678, 0.3068, 0.3184



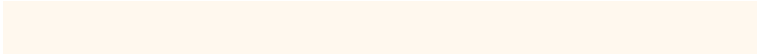
94.5678, 0.3232, 0.3387



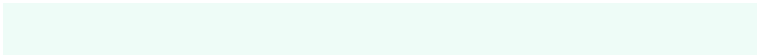
94.5678, 0.3006, 0.3229

Square

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



94.5678, 0.3232, 0.3387



94.5678, 0.3065, 0.3337



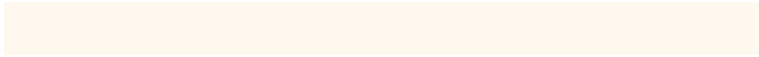
94.5678, 0.3023, 0.3193



94.5678, 0.3190, 0.3244

Rectangle

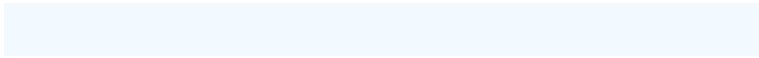
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.5678, 0.3232, 0.3387



94.5678, 0.3146, 0.3390



94.5678, 0.3023, 0.3193



94.5678, 0.3108, 0.3193

Sweetspot

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



94.5719, 0.3232, 0.3387



98.3437, 0.3158, 0.3319



89.0178, 0.3196, 0.3222



21.0670, 0.3156, 0.3317



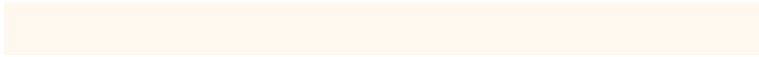
0.0000, 0.0000, 0.0000



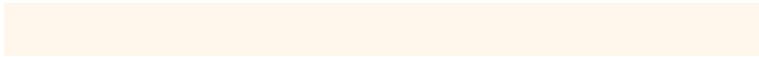
21.4041, 0.3127, 0.3290

Same Dimension

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



94.5719, 0.3232, 0.3387



93.5137, 0.3254, 0.3407



98.6817, 0.3217, 0.3454



19.7635, 0.3279, 0.3430



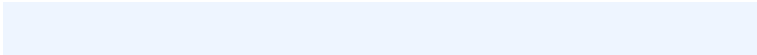
22.8130, 0.5153, 0.4290



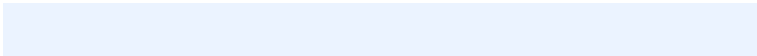
2.4366, 0.5014, 0.4401

Inverse Universe

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



90.7094, 0.3024, 0.3191



88.9139, 0.3003, 0.3170



86.8068, 0.3034, 0.3122



18.6059, 0.2979, 0.3146



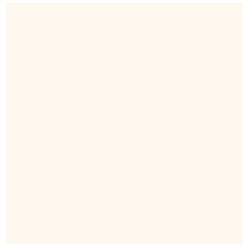
9.3252, 0.1693, 0.1293



1.1169, 0.1754, 0.1515

Previews

White Background



This preview shows how the Yxy color 94.5678, 0.3232, 0.3387 looks on a white background.

Color Contrast Check

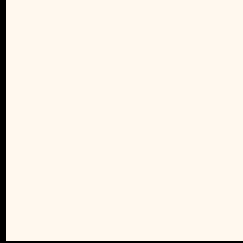
Large Text (above 18pt) WCAG AA × Fail

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 94.5678, 0.3232, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

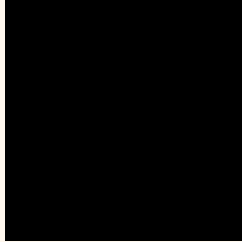
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.5678, 0.3232, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 94.5678, 0.3232, 0.3387.

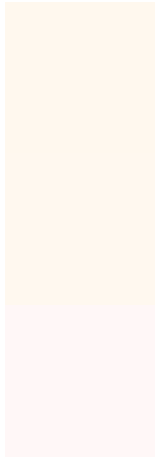


This preview shows how white text looks on a background with the Yxy color 94.5678, 0.3232, 0.3387.

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

94.5678, 0.3232, 0.3387

Protanopia

94.6268, 0.3226, 0.3377

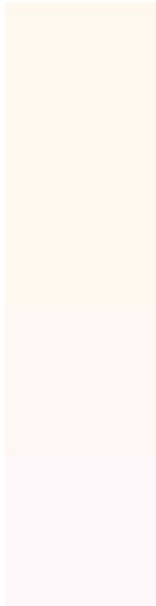
Deuteranopia

94.4969, 0.3178, 0.3290

Tritanopia

94.6242, 0.3118, 0.3213

Trichromacy



Original Color

94.5678, 0.3232, 0.3387

Protanomaly

94.6268, 0.3226, 0.3377

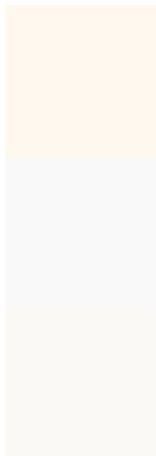
Deuteranomaly

94.3132, 0.3197, 0.3319

Tritanomaly

94.4319, 0.3160, 0.3271

Monochromacy



Original Color

94.5678, 0.3232, 0.3387

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.8532, 0.3164, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5678, 0.3232, 0.3387 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 238) }
```

Border

The CSS property to change the border of an element to Yxy 94.5678, 0.3232, 0.3387 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, 238) }
```

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

```
.border{ border-color:rgb(255, 248, 238) }
```

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, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5678, 0.3232, 0.3387 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, 238) }
```

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

```
.background{ background-color: rgb(255,  
248, 238) }
```

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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