

Converting Colors

$Y_{xy}(100.8763, 0.3500, 0.3484)$

Have a look what the booklet for
Yxy(100.8763, 0.3500, 0.3484)
contains.

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Color

Yxy(94.6128, 0.3292, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9E4
RGB	255, 249, 228
RGB Percent	100%, 98%, 89%
CMY	0.0001, 0.0235, 0.1058
CMYK	0.00, 0.02, 0.11, 0.00
HSL	47°, 100%, 95%
HSV	47°, 11%, 100%
XYZ	89.1174, 94.6128, 86.9788
YIQ	248.4000, 10.3170, -5.2590

Conversions

Conversions Part 2

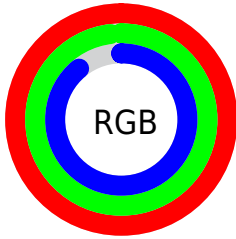
Format	Color
R _Y B	236, 255, 228
Decimal	16775652
CIE Lab	97.88, -1.48, 10.77
CIE LCh	98, 10.870, 97.808
Yxy	94.6128, 0.3292, 0.3495
Android (android.graphics.Color)	4294965732 (0xFFFFF9E4)
YUV	248.4000, -10.0572, 5.7882
Hunter-Lab	97.2691, -6.6803, 15.0708

Details

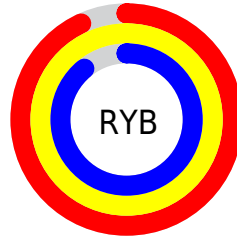
The Yxy color **94.6128, 0.3292, 0.3495** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.5619, 0.2961, 0.3076**, and the grayscale version is **94.2935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.1628, 0.3322, 0.3539** is the 20% darker color. If you saturate the color by 10%, you get **89.8614, 0.3460, 0.3697**, and if you desaturate by 10%, it is **99.6864, 0.3136, 0.3301**.

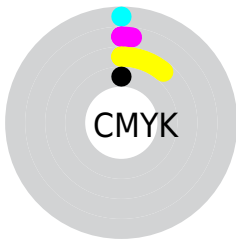
Distribution



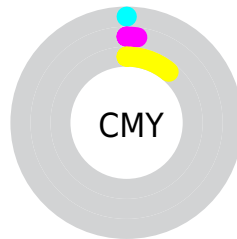
- Red (100%)
- Green (98%)
- Blue (89%)



- Red (93%)
- Yellow (100%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.6128, 0.3292, 0.3495 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 94.6128, 0.3292, 0.3495 by changing the saturation by 10% instead.

 94.6128, 0.3292,
0.3495

 94.6128, 0.3292,
0.3495

542.9247, 0.3219,
0.3404

 71.8128, 0.3308,
0.3515


153.7296, 0.3267,
0.3464

 53.0057, 0.3327,
0.3539


190.8151, 0.3258,
0.3452

 37.8073, 0.3351,
0.3569


233.4312, 0.3249,
0.3442

 25.8332, 0.3381,
0.3607

281.9623, 0.3242,
0.3432

 16.6989, 0.3420,
0.3656

336.7928, 0.3235,
0.3424

 10.0200, 0.3473,
0.3725

398.3071, 0.3229,

 5.4122, 0.3550,

0.3417

0.3824

466.8896, 0.3224,
0.3410

■ 2.4911, 0.3669,
0.3980

■ 0.8722, 0.4259,
0.4684

■ 94.6128, 0.3292,
0.3495

■ 94.6128, 0.3292,
0.3495

■ 89.8614, 0.3460,
0.3697

99.6864, 0.3136,
0.3301

■ 85.4099, 0.3638,
0.3901

99.9973, 0.3127,
0.3290

■ 81.2517, 0.3822,
0.4100

■ 77.3751, 0.4005,
0.4285

■ 73.7678, 0.4180,
0.4447

■ 70.4156, 0.4340,
0.4573

■ 67.3027, 0.4476,
0.4656

■ 64.4102, 0.4583,
0.4690

■ 61.8581, 0.4659,
0.4683

Harmonies

Analogous

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



94.6128, 0.3355, 0.3443



94.6128, 0.3292, 0.3495



94.6128, 0.3185, 0.3491

Triad

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



94.6128, 0.3292, 0.3495



94.6128, 0.2903, 0.3221



94.6128, 0.3188, 0.3156

Complementary

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



94.6128, 0.3292, 0.3495



82.5619, 0.2961, 0.3076

Split Complementary

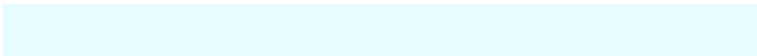
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.6128, 0.3066, 0.3098



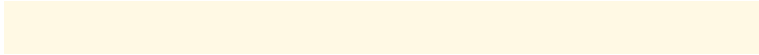
94.6128, 0.3292, 0.3495



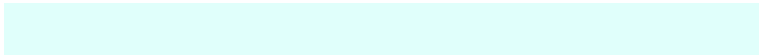
94.6128, 0.2904, 0.3133

Square

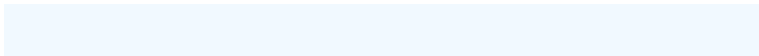
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.6128, 0.3292, 0.3495



94.6128, 0.2961, 0.3330



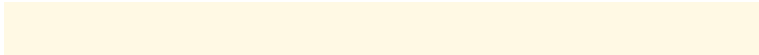
94.6128, 0.2963, 0.3089



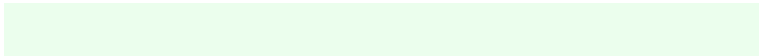
94.6128, 0.3295, 0.3248

Rectangle

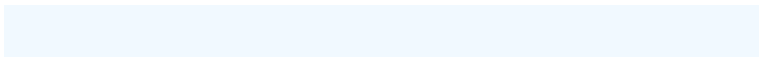
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.6128, 0.3292, 0.3495



94.6128, 0.3104, 0.3456



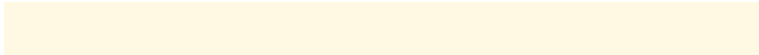
94.6128, 0.2963, 0.3089



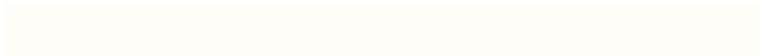
94.6128, 0.3147, 0.3132

Sweetspot

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



94.6170, 0.3292, 0.3495



98.4399, 0.3172, 0.3347



82.7150, 0.3274, 0.3228



20.9820, 0.3185, 0.3362



0.0000, 0.0000, 0.0000



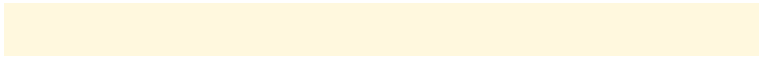
21.4041, 0.3127, 0.3290

Same Dimension

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



94.6170, 0.3292, 0.3495



93.4468, 0.3332, 0.3543



97.0328, 0.3239, 0.3555



20.3673, 0.3275, 0.3474



32.5583, 0.4649, 0.4690



3.3304, 0.4587, 0.4740

Inverse Universe

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



82.5619, 0.2961, 0.3076



78.8743, 0.2921, 0.3023



80.4166, 0.3007, 0.3018



18.0306, 0.2979, 0.3099



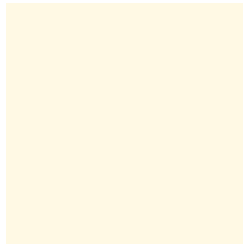
5.4566, 0.1564, 0.0831



0.6849, 0.1620, 0.1030

Previews

White Background



This preview shows how the Yxy color 94.6128, 0.3292, 0.3495 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 94.6128, 0.3292, 0.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

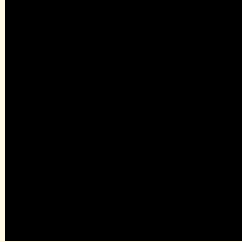
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.6128, 0.3292, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 94.6128, 0.3292, 0.3495.

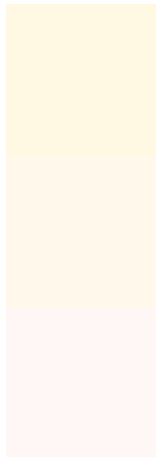


This preview shows how white text looks on a background with the Yxy color 94.6128, 0.3292, 0.3495.

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

94.6128, 0.3292, 0.3495

Protanopia

94.3930, 0.3250, 0.3417

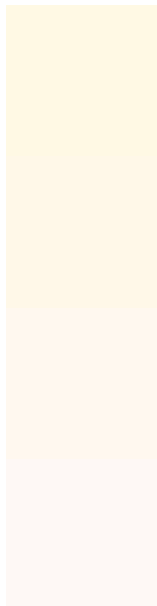
Deuteranopia

94.4353, 0.3185, 0.3300

Tritanopia

94.8124, 0.3124, 0.3213

Trichromacy



Original Color

94.6128, 0.3292, 0.3495

Protanomaly

94.2210, 0.3269, 0.3446

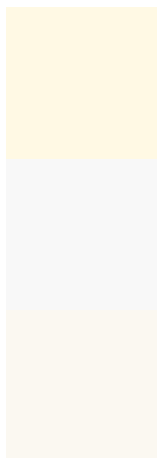
Deuteranomaly

94.6268, 0.3226, 0.3377

Tritanomaly

94.7982, 0.3183, 0.3319

Monochromacy



Original Color

94.6128, 0.3292, 0.3495

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.9949, 0.3188, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.6128, 0.3292, 0.3495 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, 249, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 228)  
}
```

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, 249, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 228) }
```

Border

The CSS property to change the border of an element to Yxy 94.6128, 0.3292, 0.3495 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, 249, 228) }
```

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

```
.border{ border-color:rgb(255, 249, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 94.6128, 0.3292, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 228) }
```

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

```
.background{ background-color: rgb(255,  
249, 228) }
```

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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