

Converting Colors

$Yxy(95.0414, 0.3296, 0.3577)$

Have a look what the booklet for
Yxy(95.0414, 0.3296, 0.3577)
contains.

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Color

Yxy(94.7775, 0.3300, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	FBFBDE
RGB	251, 251, 222
RGB Percent	98%, 98%, 87%
CMY	0.0157, 0.0156, 0.1294
CMYK	0.00, 0.00, 0.12, 0.02
HSL	60°, 78%, 93%
HSV	60°, 12%, 98%
XYZ	87.4625, 94.7775, 82.7978
YIQ	247.6940, 9.3090, -9.0190

Conversions

Conversions Part 2

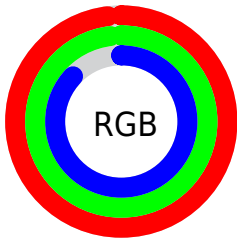
Format	Color
R _Y B	222, 251, 222
Decimal	16514014
CIE Lab	97.94, -4.81, 13.91
CIE LCh	98, 14.714, 109.080
Yxy	94.7775, 0.3300, 0.3576
Android (android.graphics.Color)	4294704094 (0xFFFBFBDE)
YUV	247.6940, -12.6671, 2.8994
Hunter-Lab	97.3537, -10.0049, 17.7224

Details

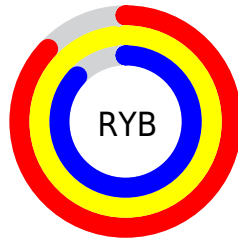
The Yxy color **94.7775, 0.3300, 0.3576** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74.7493, 0.2944, 0.2987**, and the grayscale version is **93.7077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.2896, 0.3331, 0.3642** is the 20% darker color. If you saturate the color by 10%, you get **93.5303, 0.3453, 0.3829**, and if you desaturate by 10%, it is **96.2334, 0.3150, 0.3328**.

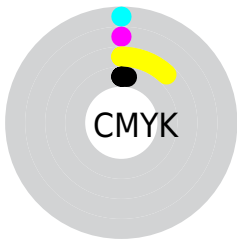
Distribution



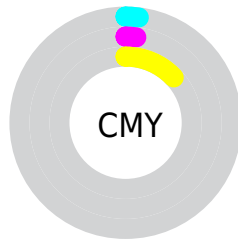
- Red (98%)
- Green (98%)
- Blue (87%)



- Red (87%)
- Yellow (98%)
- Blue (87%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.7775, 0.3300, 0.3576 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 94.7775, 0.3300, 0.3576 by changing the saturation by 10% instead.


 94.7775, 0.3300,
0.3576

 94.7775, 0.3300,
0.3576

543.4524, 0.3224,
0.3449

 71.9498, 0.3316,
0.3604


153.9572, 0.3275,
0.3533

 53.1177, 0.3336,
0.3638


191.0779, 0.3264,
0.3516

 37.8967, 0.3360,
0.3680


233.7319, 0.3256,
0.3501

 25.9025, 0.3391,
0.3734

282.3033, 0.3248,
0.3488

 16.7507, 0.3430,
0.3805

337.1767, 0.3241,
0.3476

 10.0569, 0.3484,
0.3902

398.7364, 0.3235,

 5.4367, 0.3559,

0.3466

0.4044

467.3669, 0.3229,
0.3457

■ 2.5057, 0.3671,
0.4269

■ 0.8795, 0.4496,
0.5504

■ 94.7775, 0.3300,
0.3576

■ 94.7775, 0.3300,
0.3576

■ 93.5303, 0.3453,
0.3829

■ 96.2334, 0.3150,
0.3328

■ 92.4705, 0.3604,
0.4080


■ 96.7350, 0.3104,
0.3252


■ 91.5927, 0.3749,
0.4319


■ 96.7390, 0.3104,
0.3252

■ 90.8867, 0.3880,
0.4536


■ 96.7429, 0.3104,
0.3252

 90.3413, 0.3992,
0.4722

 96.7469, 0.3104,
0.3252


 89.9436, 0.4080,
0.4869

 96.7509, 0.3105,
0.3252

 89.6791, 0.4142,
0.4971

 96.7548, 0.3105,
0.3252

 89.5304, 0.4178,
0.5031

 96.7588, 0.3105,
0.3252

 89.4722, 0.4192,
0.5054

 96.7627, 0.3105,
0.3252

Harmonies

Analogous

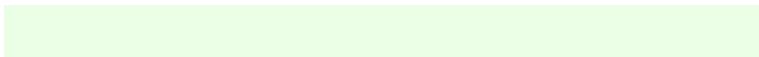
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7775, 0.3413, 0.3530



94.7775, 0.3300, 0.3576



94.7775, 0.3143, 0.3541

Triad

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



94.7775, 0.3300, 0.3576



94.7775, 0.2816, 0.3145



94.7775, 0.3268, 0.3152

Complementary

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



94.7775, 0.3300, 0.3576



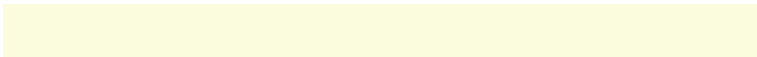
74.7493, 0.2944, 0.2987

Split Complementary

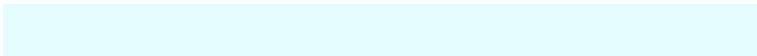
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.7775, 0.3105, 0.3055



94.7775, 0.3300, 0.3576



94.7775, 0.2847, 0.3047

Square

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



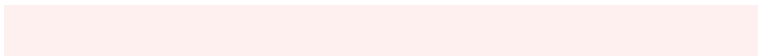
94.7775, 0.3300, 0.3576



94.7775, 0.2866, 0.3286



94.7775, 0.2952, 0.3016



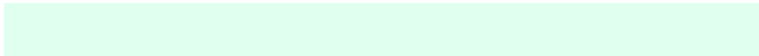
94.7775, 0.3395, 0.3285

Rectangle

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



94.7775, 0.3300, 0.3576



94.7775, 0.3034, 0.3476



94.7775, 0.2952, 0.3016



94.7775, 0.3216, 0.3114

Sweetspot

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



94.7817, 0.3300, 0.3576



99.5158, 0.3171, 0.3363



78.0341, 0.3335, 0.3291



21.2735, 0.3183, 0.3383



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

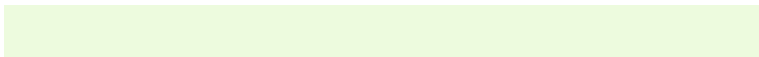
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.7817, 0.3300, 0.3576



97.9045, 0.3337, 0.3638



92.1955, 0.3206, 0.3584



20.1900, 0.3269, 0.3524



47.0263, 0.4192, 0.5054



4.3557, 0.4192, 0.5054

Inverse Universe

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



74.7493, 0.2944, 0.2987



73.1511, 0.2901, 0.2917



77.1345, 0.3041, 0.2996



16.6438, 0.2979, 0.3045



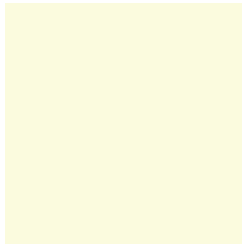
3.6621, 0.1500, 0.0600



0.3394, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 94.7775, 0.3300, 0.3576 looks on a white background.

Color Contrast Check

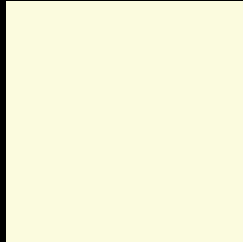
Large Text (above 18pt) WCAG AA × Fail

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 94.7775, 0.3300, 0.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

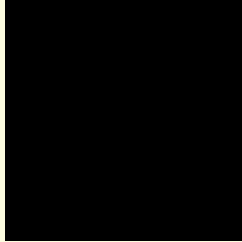
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.7775, 0.3300, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 94.7775, 0.3300, 0.3576.

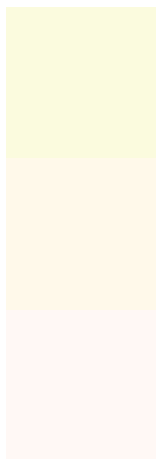


This preview shows how white text looks on a background with the Yxy color 94.7775, 0.3300, 0.3576.

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

94.7775, 0.3300, 0.3576

Protanopia

94.9519, 0.3256, 0.3436

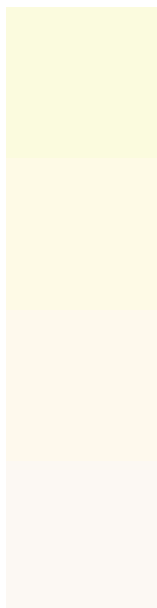
Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

94.4370, 0.3112, 0.3213

Trichromacy



Original Color

94.7775, 0.3300, 0.3576

Protanomaly

95.1552, 0.3272, 0.3485

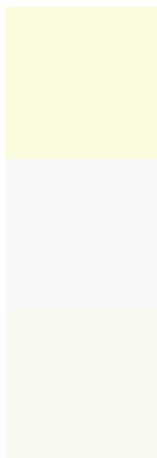
Deuteranomaly

94.9366, 0.3231, 0.3407

Tritanomaly

94.3013, 0.3183, 0.3339

Monochromacy



Original Color

94.7775, 0.3300, 0.3576

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.1231, 0.3186, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.7775, 0.3300, 0.3576 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, 251, 222)` looks like.

```
.text, #text, p{  
    color:rgb(251, 251, 222)  
}
```

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, 251, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 251, 222) }
```

Border

The CSS property to change the border of an element to Yxy 94.7775, 0.3300, 0.3576 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, 251, 222) }
```

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

```
.border{ border-color:rgb(251, 251, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 251, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 251, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 251, 222); box-shadow:4px 4px 4px 4px rgb(251, 251, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7775, 0.3300, 0.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 251, 222) }
```

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

```
.background{ background-color: rgb(251,  
251, 222) }
```

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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