

# Converting Colors

$Yxy(95.4295, 0.3374, 0.3656)$

Have a look what the booklet for  
Yxy(95.4295, 0.3374, 0.3656)  
contains.

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# **Color**

**Yxy(95.1094, 0.3376, 0.3653)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFBD6
RGB	255, 251, 214
RGB Percent	100%, 98%, 84%
CMY	0.0000, 0.0158, 0.1607
CMYK	0.00, 0.02, 0.16, 0.00
HSL	54°, 100%, 92%
HSV	54°, 16%, 100%
XYZ	87.8974, 95.1094, 77.3529
YIQ	247.9780, 14.2610, -10.6590

# Conversions

## Conversions Part 2

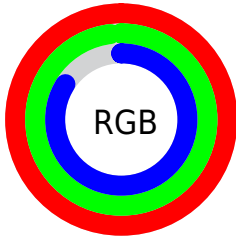
Format	Color
R <sub>Y</sub> B	218, 255, 214
Decimal	16776150
CIE Lab	98.08, -4.58, 18.23
CIE LCh	98, 18.793, 104.097
Yxy	95.1094, 0.3376, 0.3653
Android (android.graphics.Color)	4294966230 (0xFFFFFBD6)
YUV	247.9780, -16.7512, 6.1583
Hunter-Lab	97.5240, -9.7868, 21.2400

# Details

The Yxy color **95.1094, 0.3376, 0.3653** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.6791, 0.2866, 0.2899**, and the grayscale version is **93.9725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.5392, 0.3427, 0.3740** is the 20% darker color. If you saturate the color by 10%, you get **92.3443, 0.3538, 0.3885**, and if you desaturate by 10%, it is **98.0777, 0.3219, 0.3425**.

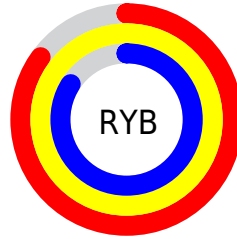
# Distribution



Red (100%)

Green (98%)

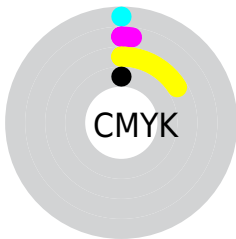
Blue (84%)



Red (85%)

Yellow (100%)

Blue (84%)

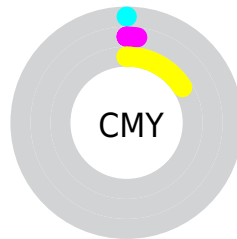


Cyan (0%)

Magenta (2%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (2%)


Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 95.1094, 0.3376, 0.3653 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 95.1094, 0.3376, 0.3653 by changing the saturation by 10% instead.



 95.1094, 0.3376,  
0.3653

 95.1094, 0.3376,  
0.3653

544.5152, 0.3267,  
0.3492

 72.2260, 0.3399,  
0.3688


154.4157, 0.3339,  
0.3598

 53.3433, 0.3428,  
0.3731


191.6075, 0.3325,  
0.3577

 38.0769, 0.3462,  
0.3784


234.3375, 0.3312,  
0.3558

 26.0424, 0.3506,  
0.3852

282.9902, 0.3301,  
0.3541

 16.8554, 0.3562,  
0.3940

337.9499, 0.3291,  
0.3527

 10.1314, 0.3637,  
0.4061

399.6010, 0.3282,

 5.4862, 0.3741,

0.3514

0.4234

468.3280, 0.3274,  
0.3502

■ 2.5352, 0.3891,  
0.4502

■ 0.8942, 0.4522,  
0.5478

■ 95.1094, 0.3376,  
0.3653

■ 95.1094, 0.3376,  
0.3653

■ 92.3443, 0.3538,  
0.3885

■ 98.0777, 0.3219,  
0.3425

■ 89.8050, 0.3701,  
0.4113

100.0000, 0.3127,  
0.3290

■ 87.4704, 0.3859,  
0.4328

■ 85.3293, 0.4006,  
0.4520

■ 83.3694, 0.4134,  
0.4680

■ 81.5766, 0.4239,  
0.4798

■ 79.9344, 0.4316,  
0.4871

■ 78.4224, 0.4366,  
0.4900

■ 77.8523, 0.4380,  
0.4904

# Harmonies

## Analogous

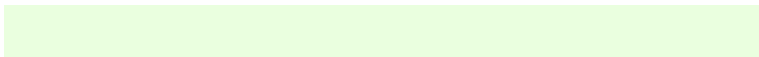
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1094, 0.3507, 0.3576



95.1094, 0.3376, 0.3653



95.1094, 0.3180, 0.3628

# Triad

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



95.1094, 0.3376, 0.3653



95.1094, 0.2736, 0.3130



95.1094, 0.3273, 0.3090

# Complementary

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



95.1094, 0.3376, 0.3653



71.6791, 0.2866, 0.2899

# 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.



95.1094, 0.3063, 0.2979



95.1094, 0.3376, 0.3653



95.1094, 0.2759, 0.2995

# Square

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



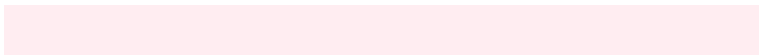
95.1094, 0.3376, 0.3653



95.1094, 0.2814, 0.3316



95.1094, 0.2876, 0.2943



95.1094, 0.3448, 0.3252

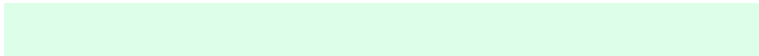


# Rectangle

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



95.1094, 0.3376, 0.3653



95.1094, 0.3041, 0.3554



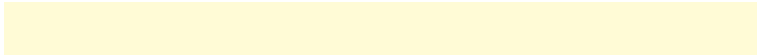
95.1094, 0.2876, 0.2943



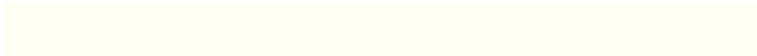
95.1094, 0.3204, 0.3046

# Sweetspot

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



95.0987, 0.3375, 0.3653



98.4108, 0.3202, 0.3401



74.4291, 0.3404, 0.3249



21.0172, 0.3213, 0.3416



0.0000, 0.0000, 0.0000

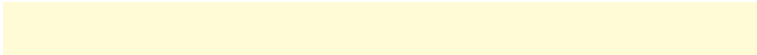


21.4041, 0.3127, 0.3290



# Same Dimension

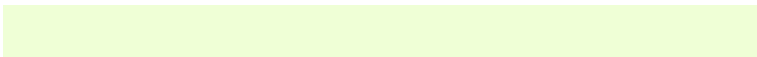
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.0987, 0.3375, 0.3653



94.2694, 0.3423, 0.3721



94.6581, 0.3262, 0.3704



20.7683, 0.3272, 0.3502



40.8039, 0.4377, 0.4907



4.0575, 0.4353, 0.4926



# Inverse Universe

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



71.6791, 0.2866, 0.2899



67.1586, 0.2814, 0.2819



72.2120, 0.2975, 0.2869



17.6641, 0.2979, 0.3068



4.2300, 0.1518, 0.0665

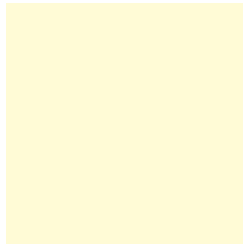


0.5030, 0.1554, 0.0792



# Previews

## White Background



This preview shows how the Yxy color 95.1094, 0.3376, 0.3653 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

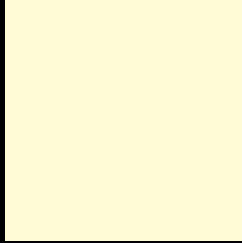
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 95.1094, 0.3376, 0.3653 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

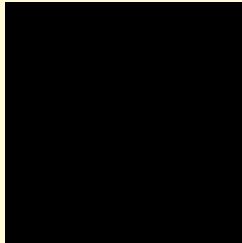
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 95.1094, 0.3376, 0.3653**

## **Background**



This preview shows how black text looks on a background with the Yxy color 95.1094, 0.3376, 0.3653.

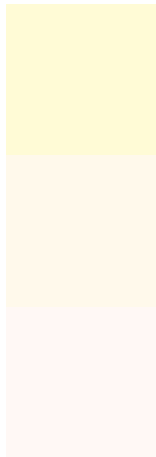


This preview shows how white text looks on a background with the Yxy color 95.1094, 0.3376, 0.3653.

# 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

95.1094, 0.3376, 0.3653

### Protanopia

95.0095, 0.3250, 0.3426

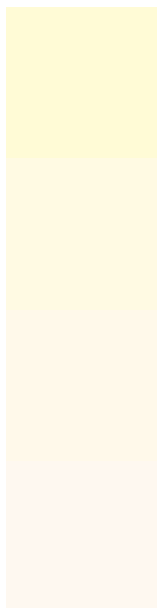
### Deuteranopia

94.9874, 0.3190, 0.3319

## Tritanopia

94.8124, 0.3124, 0.3213

# Trichromacy



## Original Color

95.1094, 0.3376, 0.3653

## Protanomaly

95.1773, 0.3297, 0.3515

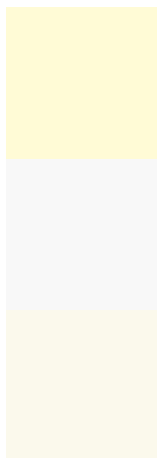
## Deuteranomaly

94.9519, 0.3256, 0.3436

## Tritanomaly

94.4969, 0.3214, 0.3368

# Monochromacy



## Original Color

95.1094, 0.3376, 0.3653

## Achromatopsia

93.8686, 0.3127, 0.3290

## Achromatomaly

94.3167, 0.3217, 0.3417

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 95.1094, 0.3376, 0.3653 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, 251, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 214)  
}
```

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, 251, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 214) }
```

## Border

The CSS property to change the border of an element to Yxy 95.1094, 0.3376, 0.3653 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, 251, 214) }
```

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

```
.border{ border-color:rgb(255, 251, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
214) }
```



# Background

The CSS property to change the background color of an element to Yxy 95.1094, 0.3376, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 214) }
```

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

```
.background{ background-color: rgb(255,  
251, 214) }
```

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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