

Converting Colors

$Yxy(93.0244, 0.3408, 0.3723)$

Have a look what the booklet for
Yxy(93.0244, 0.3408, 0.3723)
contains.

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Color

Yxy(92.9030, 0.3408, 0.3718)

Conversions

Conversions Part 1

Format	Color
Hex	FCF9CE
RGB	252, 249, 206
RGB Percent	99%, 98%, 81%
CMY	0.0118, 0.0235, 0.1923
CMYK	0.00, 0.01, 0.18, 0.01
HSL	56°, 88%, 90%
HSV	56°, 18%, 99%
XYZ	85.1569, 92.9030, 71.8137
YIQ	244.9950, 15.5910, -12.7370

Conversions

Conversions Part 2

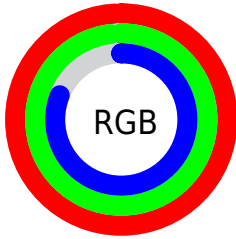
Format	Color
R_{YB}	209, 252, 206
Decimal	16579022
CIE _{Lab}	97.19, -5.86, 21.06
CIE _{LCh}	97, 21.861, 105.553
Yxy	92.9030, 0.3408, 0.3718
Android (android.graphics.Color)	4294769102 (0xFFFCF9CE)
YUV	244.9950, -19.2245, 6.1434
Hunter-Lab	96.3862, -10.9716, 23.2956

Details

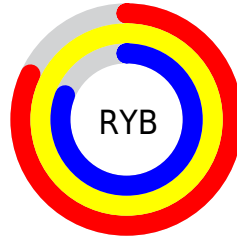
The Yxy color **92.9030, 0.3408, 0.3718** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.7238, 0.2826, 0.2823**, and the grayscale version is **91.4550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.0090, 0.3461, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **90.7722, 0.3567, 0.3957**, and if you desaturate by 10%, it is **95.2472, 0.3252, 0.3481**.

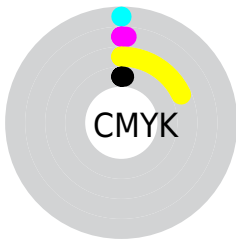
Distribution



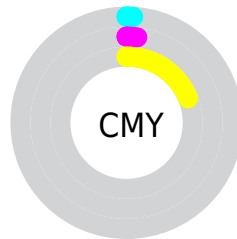
- Red (99%)
- Green (98%)
- Blue (81%)



- Red (82%)
- Yellow (99%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (18%)
- Black (1%)





- Cyan (1%)
- Magenta (2%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.9030, 0.3408, 0.3718 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 92.9030, 0.3408, 0.3718 by changing the saturation by 10% instead.

 92.9030, 0.3408,
0.3718

 92.9030, 0.3408,
0.3718


537.4296, 0.3285,
0.3527

 70.3909, 0.3434,
0.3760


151.3643, 0.3367,
0.3653

 51.8453, 0.3466,
0.3811


188.0823, 0.3350,
0.3627

 36.8818, 0.3505,
0.3875


230.3044, 0.3336,
0.3605

 25.1160, 0.3554,
0.3956

278.4149, 0.3323,
0.3585

 16.1635, 0.3617,
0.4062

332.7983, 0.3312,
0.3568

 9.6399, 0.3699,
0.4207

393.8390, 0.3302,

 5.1609, 0.3812,

0.3553

0.4415

461.9213, 0.3293,
0.3539

■ 2.3420, 0.4003,
0.4775

■ 0.7958, 0.4352,
0.5648

■ 92.9030, 0.3408,
0.3718

■ 92.9030, 0.3408,
0.3718

■ 90.7722, 0.3567,
0.3957

■ 95.2472, 0.3252,
0.3481

■ 88.8331, 0.3725,
0.4189

■ 97.7128, 0.3110,
0.3264

■ 87.0797, 0.3874,
0.4405

■ 98.7462, 0.3109,
0.3280

■ 85.5008, 0.4009,
0.4595

■ 99.4351, 0.3109,
0.3290

■ 84.0842, 0.4123,
0.4749

■ 82.8159, 0.4212,
0.4861

■ 81.6793, 0.4273,
0.4928

■ 80.6514, 0.4309,
0.4954

■ 80.4787, 0.4314,
0.4957

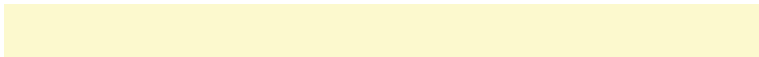
Harmonies

Analogous

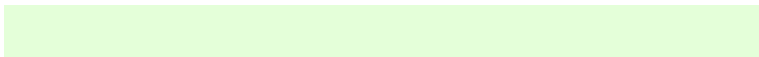
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9030, 0.3568, 0.3631



92.9030, 0.3408, 0.3718



92.9030, 0.3176, 0.3684

Triad

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



92.9030, 0.3408, 0.3718



92.9030, 0.2670, 0.3091



92.9030, 0.3309, 0.3065

Complementary

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



92.9030, 0.3408, 0.3718



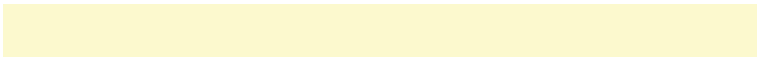
65.7238, 0.2826, 0.2823

Split Complementary

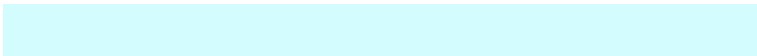
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.9030, 0.3063, 0.2932



92.9030, 0.3408, 0.3718



92.9030, 0.2701, 0.2939

Square

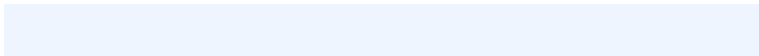
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



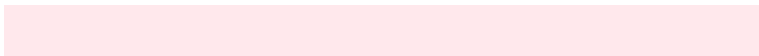
92.9030, 0.3408, 0.3718



92.9030, 0.2755, 0.3308



92.9030, 0.2842, 0.2885



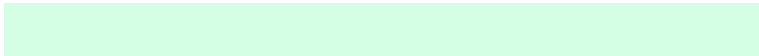
92.9030, 0.3512, 0.3255

Rectangle

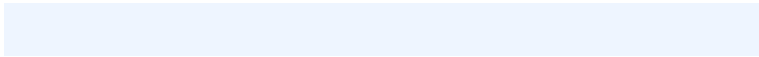
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.9030, 0.3408, 0.3718



92.9030, 0.3014, 0.3593



92.9030, 0.2842, 0.2885



92.9030, 0.3229, 0.3013

Sweetspot

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



92.9071, 0.3408, 0.3718



98.6789, 0.3202, 0.3405



69.4267, 0.3461, 0.3259



21.0826, 0.3212, 0.3421



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

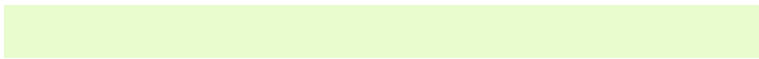
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9071, 0.3408, 0.3718



94.5973, 0.3468, 0.3808



91.2385, 0.3271, 0.3766



19.9864, 0.3270, 0.3509



42.0082, 0.4311, 0.4959



3.9472, 0.4296, 0.4971

Inverse Universe

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



65.7238, 0.2826, 0.2823



61.8441, 0.2757, 0.2714



67.3094, 0.2962, 0.2809



16.8238, 0.2979, 0.3061



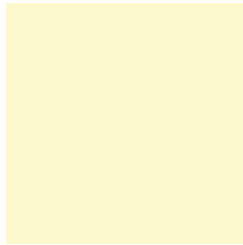
3.9301, 0.1511, 0.0639



0.4253, 0.1537, 0.0734

Previews

White Background



This preview shows how the Yxy color 92.9030, 0.3408, 0.3718 looks on a white background.

Color Contrast Check

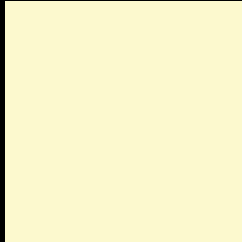
Large Text (above 18pt) WCAG AA × Fail

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 92.9030, 0.3408, 0.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

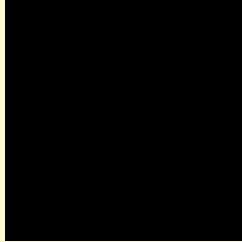
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.9030, 0.3408, 0.3718

Background



This preview shows how black text looks on a background with the Yxy color 92.9030, 0.3408, 0.3718.

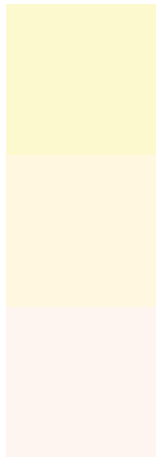


This preview shows how white text looks on a background with the Yxy color 92.9030, 0.3408, 0.3718.

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

92.9030, 0.3408, 0.3718

Protanopia

93.1633, 0.3319, 0.3516

Deuteranopia

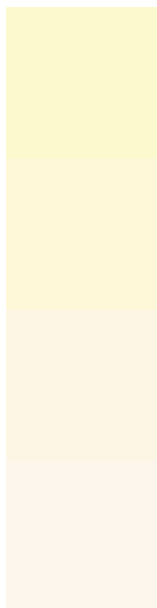
92.8561, 0.3222, 0.3339



Tritanopia

92.9922, 0.3126, 0.3185

Trichromacy



Original Color

92.9030, 0.3408, 0.3718

Protanomaly

93.2154, 0.3355, 0.3596

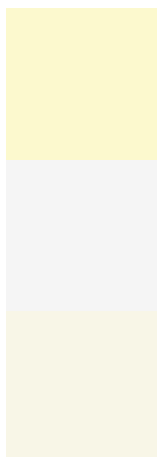
Deuteranomaly

92.5838, 0.3289, 0.3467

Tritanomaly

92.9086, 0.3227, 0.3378

Monochromacy



Original Color

92.9030, 0.3408, 0.3718

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.6375, 0.3231, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9030, 0.3408, 0.3718 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(252, 249, 206)` looks like.

```
.text, #text, p{  
    color:rgb(252, 249, 206)  
}
```

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(252, 249, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 249, 206) }
```

Border

The CSS property to change the border of an element to Yxy 92.9030, 0.3408, 0.3718 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(252, 249, 206) }
```

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

```
.border{ border-color:rgb(252, 249, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 249, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 249, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 249, 206);  
box-shadow:4px 4px 4px 4px rgb(252, 249,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9030, 0.3408, 0.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 249, 206) }
```

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

```
.background{ background-color: rgb(252,  
249, 206) }
```

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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