

Converting Colors

$Yxy(90.8943, 0.3439, 0.3681)$

Have a look what the booklet for
Yxy(90.8943, 0.3439, 0.3681)
contains.

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Color

Yxy(90.9726, 0.3442, 0.3687)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5CD
RGB	255, 245, 205
RGB Percent	100%, 96%, 80%
CMY	0.0000, 0.0393, 0.1961
CMYK	0.00, 0.04, 0.20, 0.00
HSL	48°, 100%, 90%
HSV	48°, 20%, 100%
XYZ	84.9275, 90.9726, 70.8387
YIQ	243.4300, 18.8000, -10.3200

Conversions

Conversions Part 2

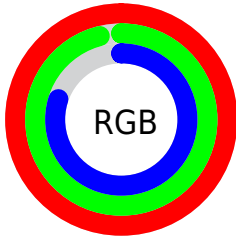
Format	Color
R _Y B	218, 255, 205
Decimal	16774605
CIE Lab	96.40, -2.89, 20.49
CIE LCh	96, 20.693, 98.034
Yxy	90.9726, 0.3442, 0.3687
Android (android.graphics.Color)	4294964685 (0xFFFFF5CD)
YUV	243.4300, -18.9460, 10.1469
Hunter-Lab	95.3796, -7.9749, 22.7308

Details

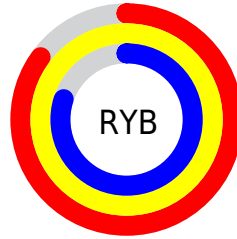
The Yxy color $90.9726, 0.3442, 0.3687$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $68.8050, 0.2806, 0.2859$, and the grayscale version is $90.1240, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $50.6353, 0.3506, 0.3771$ is the 20% darker color. If you saturate the color by 10%, you get $86.7859, 0.3616, 0.3896$, and if you desaturate by 10%, it is $95.4309, 0.3276, 0.3481$.

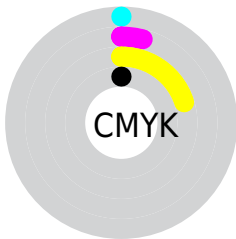
Distribution



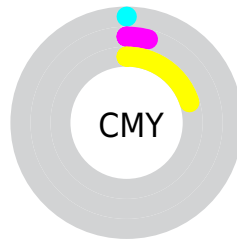
- Red (100%)
- Green (96%)
- Blue (80%)



- Red (85%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.9726, 0.3442, 0.3687 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 90.9726, 0.3442, 0.3687 by changing the saturation by 10% instead.


 90.9726, 0.3442,
0.3687

 90.9726, 0.3442,
0.3687

531.1896, 0.3303,
0.3510

 68.7876, 0.3472,
0.3726


148.6886, 0.3395,
0.3627

 50.5387, 0.3509,
0.3773


184.9885, 0.3376,
0.3603

 35.8417, 0.3554,
0.3832


226.7620, 0.3360,
0.3582

 24.3119, 0.3610,
0.3906

274.3937, 0.3346,
0.3564

 15.5652, 0.3684,
0.4004

328.2679, 0.3333,
0.3548

 9.2170, 0.3782,
0.4136

388.7691, 0.3322,

 4.8830, 0.3919,

0.3534

0.4325

456.2815, 0.3312,
0.3521

■ 2.1788, 0.4167,
0.4668

■ 0.7084, 0.4597,
0.5403

■ 90.9726, 0.3442,
0.3687

■ 90.9726, 0.3442,
0.3687

■ 86.7859, 0.3616,
0.3896

■ 95.4309, 0.3276,
0.3481

■ 82.8819, 0.3796,
0.4101

100.0000, 0.3127,
0.3290

■ 79.2423, 0.3974,
0.4292

■ 75.8548, 0.4144,
0.4459

■ 72.7059, 0.4298,
0.4592

■ 69.7801, 0.4429,
0.4683

■ 67.0593, 0.4530,
0.4725

■ 64.5153, 0.4604,
0.4724

■ 64.4181, 0.4607,
0.4724

Harmonies

Analogous

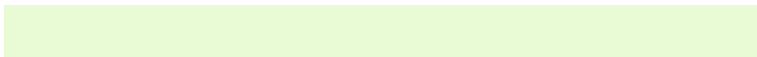
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.9726, 0.3569, 0.3580



90.9726, 0.3442, 0.3687



90.9726, 0.3233, 0.3685

Triad

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



90.9726, 0.3442, 0.3687



90.9726, 0.2701, 0.3149



90.9726, 0.3244, 0.3037

Complementary

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



90.9726, 0.3442, 0.3687



68.8050, 0.2806, 0.2859

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.



90.9726, 0.3009, 0.2928



90.9726, 0.3442, 0.3687



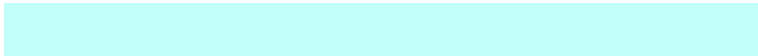
90.9726, 0.2703, 0.2984

Square

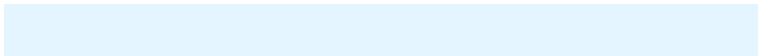
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.9726, 0.3442, 0.3687



90.9726, 0.2808, 0.3363



90.9726, 0.2813, 0.2907



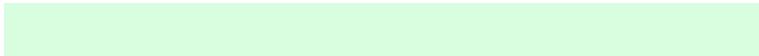
90.9726, 0.3453, 0.3208

Rectangle

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



90.9726, 0.3442, 0.3687



90.9726, 0.3077, 0.3616



90.9726, 0.2813, 0.2907



90.9726, 0.3165, 0.2992

Sweetspot

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



90.9654, 0.3442, 0.3687



97.1144, 0.3219, 0.3408



69.8711, 0.3434, 0.3181



20.7206, 0.3229, 0.3421



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

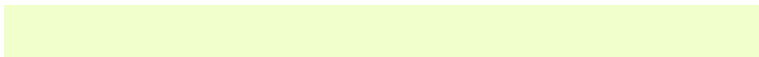
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.9654, 0.3442, 0.3687



89.0953, 0.3517, 0.3779



94.5991, 0.3330, 0.3796



20.4364, 0.3274, 0.3479



33.8770, 0.4599, 0.4731



3.4480, 0.4544, 0.4774

Inverse Universe

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



68.8050, 0.2806, 0.2859



62.8315, 0.2726, 0.2748



65.9677, 0.2895, 0.2762



17.9666, 0.2979, 0.3094



5.1777, 0.1554, 0.0794



0.6492, 0.1607, 0.0985

Previews

White Background



This preview shows how the Yxy color 90.9726, 0.3442, 0.3687 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 90.9726, 0.3442, 0.3687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

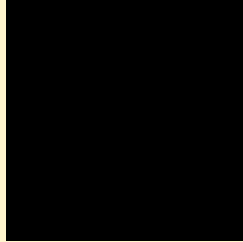
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.9726, 0.3442, 0.3687

Background



This preview shows how black text looks on a background with the Yxy color 90.9726, 0.3442, 0.3687.

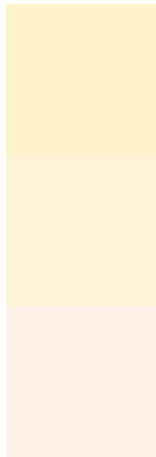


This preview shows how white text looks on a background with the Yxy color 90.9726, 0.3442, 0.3687.

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

90.9726, 0.3442, 0.3687

Protanopia

90.8677, 0.3380, 0.3577

Deuteranopia

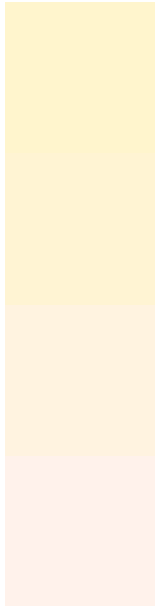
90.7624, 0.3256, 0.3359



Tritanopia

91.1989, 0.3152, 0.3184

Trichromacy



Original Color

90.9726, 0.3442, 0.3687

Protanomaly

90.6645, 0.3405, 0.3617

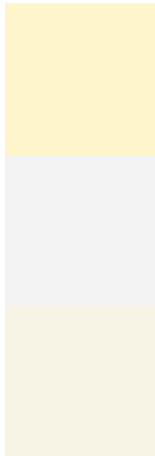
Deuteranomaly

90.7430, 0.3324, 0.3477

Tritanomaly

90.7624, 0.3256, 0.3359

Monochromacy



Original Color

90.9726, 0.3442, 0.3687

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.1327, 0.3238, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.9726, 0.3442, 0.3687 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, 245, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 205)  
}
```

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, 245, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 205) }
```

Border

The CSS property to change the border of an element to Yxy 90.9726, 0.3442, 0.3687 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, 245, 205) }
```

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

```
.border{ border-color:rgb(255, 245, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 90.9726, 0.3442, 0.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 205) }
```

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

```
.background{ background-color: rgb(255,  
245, 205) }
```

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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