

Converting Colors

$Y_{xy}(143.2145, 0.4533, 0.3542)$

Have a look what the booklet for
Yxy(143.2145, 0.4533, 0.3542)
contains.

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Color

Yxy(92.9489, 0.3417, 0.3685)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8D0
RGB	255, 248, 208
RGB Percent	100%, 97%, 82%
CMY	0.0001, 0.0274, 0.1842
CMYK	0.00, 0.03, 0.18, 0.00
HSL	51°, 100%, 91%
HSV	51°, 18%, 100%
XYZ	86.1890, 92.9489, 73.0979
YIQ	245.5330, 17.0120, -10.9560

Conversions

Conversions Part 2

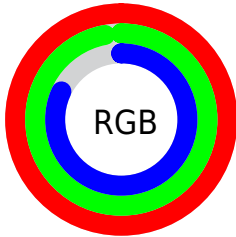
Format	Color
RYB	216, 255, 208
Decimal	16775376
CIELab	97.21, -4.00, 20.06
CIElCh	97, 20.456, 101.284
Yxy	92.9489, 0.3417, 0.3685
Android (android.graphics.Color)	4294965456 (0xFFFFF8D0)
YUV	245.5330, -18.5038, 8.3026
Hunter-Lab	96.4100, -9.1414, 22.5334

Details

The Yxy color **92.9489, 0.3417, 0.3685** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.2364, 0.2826, 0.2862**, and the grayscale version is **91.9061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.0381, 0.3474, 0.3768** is the 20% darker color. If you saturate the color by 10%, you get **89.4945, 0.3585, 0.3906**, and if you desaturate by 10%, it is **96.6604, 0.3256, 0.3467**.

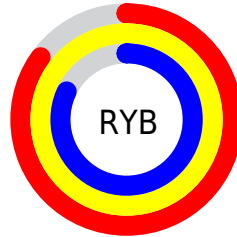
Distribution



Red (100%)

Green (97%)

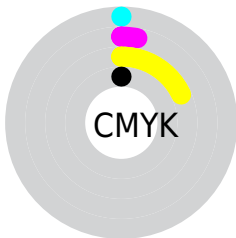
Blue (82%)



Red (85%)

Yellow (100%)

Blue (82%)

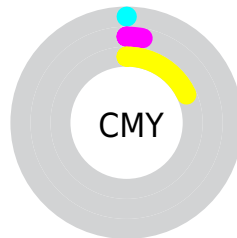


Cyan (0%)

Magenta (3%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.9489, 0.3417, 0.3685 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 92.9489, 0.3417, 0.3685 by changing the saturation by 10% instead.


 92.9489, 0.3417,
0.3685

 92.9489, 0.3417,
0.3685


537.5775, 0.3290,
0.3509

 70.4290, 0.3444,
0.3724


151.4279, 0.3374,
0.3625

 51.8764, 0.3478,
0.3770


188.1557, 0.3357,
0.3602

 36.9065, 0.3518,
0.3829


230.3884, 0.3342,
0.3581

 25.1351, 0.3570,
0.3902

278.5103, 0.3329,
0.3563

 16.1778, 0.3636,
0.3999

332.9057, 0.3318,
0.3547

 9.6500, 0.3724,
0.4131

393.9592, 0.3307,

 5.1675, 0.3846,

0.3533

0.4319

462.0550, 0.3298,
0.3520

■ 2.3459, 0.4043,
0.4631

■ 0.7978, 0.4530,
0.5470

■ 92.9489, 0.3417,
0.3685

■ 92.9489, 0.3417,
0.3685

■ 89.4945, 0.3585,
0.3906

■ 96.6604, 0.3256,
0.3467

■ 86.2747, 0.3756,
0.4122

99.9950, 0.3127,
0.3290

■ 83.2832, 0.3923,
0.4324

■ 80.5082, 0.4080,
0.4503

■ 77.9368, 0.4219,
0.4648

■ 75.5542, 0.4334,
0.4750

■ 73.3431, 0.4421,
0.4806

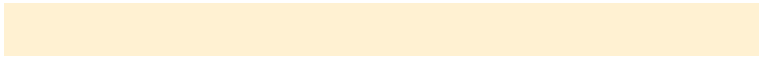
■ 71.2793, 0.4479,
0.4819

■ 70.9589, 0.4488,
0.4819

Harmonies

Analogous

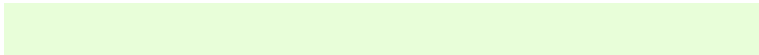
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9489, 0.3552, 0.3591



92.9489, 0.3417, 0.3685



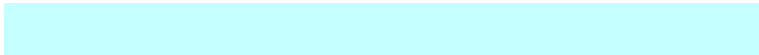
92.9489, 0.3206, 0.3670

Triad

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



92.9489, 0.3417, 0.3685



92.9489, 0.2703, 0.3131



92.9489, 0.3266, 0.3057

Complementary

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



92.9489, 0.3417, 0.3685



69.2364, 0.2826, 0.2862

Split Complementary

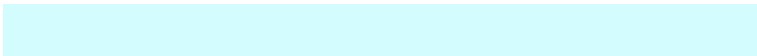
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.9489, 0.3035, 0.2943



92.9489, 0.3417, 0.3685



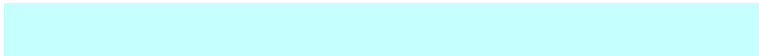
92.9489, 0.2717, 0.2977

Square

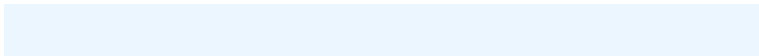
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.9489, 0.3417, 0.3685



92.9489, 0.2798, 0.3339



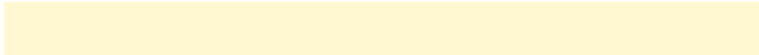
92.9489, 0.2836, 0.2912



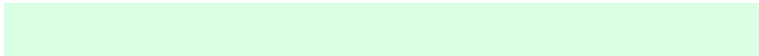
92.9489, 0.3465, 0.3230

Rectangle

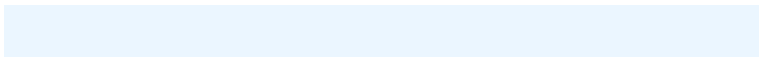
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.9489, 0.3417, 0.3685



92.9489, 0.3053, 0.3595



92.9489, 0.2836, 0.2912



92.9489, 0.3189, 0.3011

Sweetspot

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



92.9530, 0.3417, 0.3685



97.6139, 0.3218, 0.3416



71.2972, 0.3435, 0.3219



20.8390, 0.3228, 0.3430



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

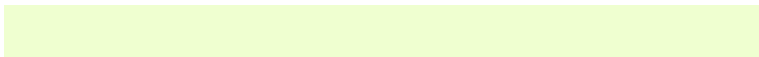
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9530, 0.3417, 0.3685



91.7038, 0.3477, 0.3764



94.3311, 0.3297, 0.3766



20.6044, 0.3273, 0.3491



37.2608, 0.4482, 0.4823



3.7474, 0.4444, 0.4854

Inverse Universe

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



69.2364, 0.2826, 0.2862



64.0816, 0.2761, 0.2767



68.2721, 0.2933, 0.2801



17.8124, 0.2979, 0.3081



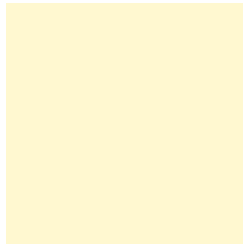
4.6207, 0.1533, 0.0719



0.5726, 0.1580, 0.0886

Previews

White Background



This preview shows how the Yxy color 92.9489, 0.3417, 0.3685 looks on a white background.

Color Contrast Check

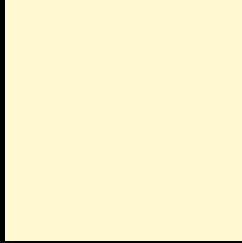
Large Text (above 18pt) WCAG AA × Fail

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 92.9489, 0.3417, 0.3685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

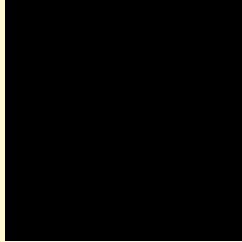
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.9489, 0.3417, 0.3685

Background



This preview shows how black text looks on a background with the Yxy color 92.9489, 0.3417, 0.3685.

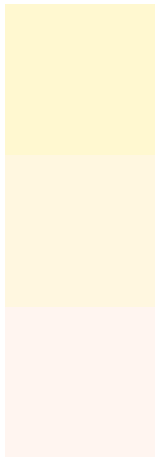


This preview shows how white text looks on a background with the Yxy color 92.9489, 0.3417, 0.3685.

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

92.9489, 0.3417, 0.3685

Protanopia

93.1633, 0.3319, 0.3516

Deuteranopia

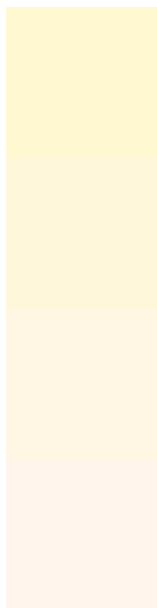
92.8561, 0.3222, 0.3339



Tritanopia

93.1171, 0.3138, 0.3194

Trichromacy



Original Color

92.9489, 0.3417, 0.3685

Protanomaly

92.8435, 0.3357, 0.3576

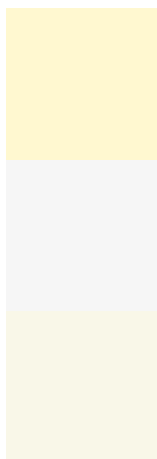
Deuteranomaly

92.7730, 0.3296, 0.3466

Tritanomaly

92.6792, 0.3241, 0.3368

Monochromacy



Original Color

92.9489, 0.3417, 0.3685

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.4875, 0.3230, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9489, 0.3417, 0.3685 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, 248, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 208)  
}
```

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, 248, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 208) }
```

Border

The CSS property to change the border of an element to Yxy 92.9489, 0.3417, 0.3685 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, 248, 208) }
```

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

```
.border{ border-color:rgb(255, 248, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9489, 0.3417, 0.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 208) }
```

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

```
.background{ background-color: rgb(255,  
248, 208) }
```

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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