

Converting Colors

$Y_{xy}(92.4783, 0.3482, 0.3790)$

Have a look what the booklet for
Yxy(92.4783, 0.3482, 0.3790)
contains.

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Color

Yxy(92.4720, 0.3480, 0.3786)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8C6
RGB	255, 248, 198
RGB Percent	100%, 97%, 78%
CMY	0.0000, 0.0274, 0.2236
CMYK	0.00, 0.03, 0.22, 0.00
HSL	53°, 100%, 89%
HSV	53°, 22%, 100%
XYZ	84.9980, 92.4720, 66.7772
YIQ	244.3930, 20.2220, -14.0660

Conversions

Conversions Part 2

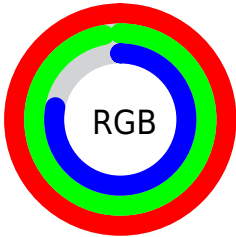
Format	Color
R _Y B	206, 255, 198
Decimal	16775366
CIE Lab	97.01, -5.41, 24.93
CIE LCh	97, 25.506, 102.236
Yxy	92.4720, 0.3480, 0.3786
Android (android.graphics.Color)	4294965446 (0xFFFFF8C6)
YUV	244.3930, -22.8717, 9.3023
Hunter-Lab	96.1624, -10.5078, 26.1414

Details

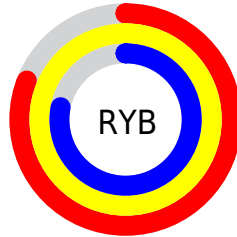
The Yxy color **92.4720, 0.3480, 0.3786** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.8676, 0.2753, 0.2740**, and the grayscale version is **90.9734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.7187, 0.3553, 0.3895** is the 20% darker color. If you saturate the color by 10%, you get **89.4901, 0.3646, 0.4011**, and if you desaturate by 10%, it is **95.6917, 0.3317, 0.3560**.

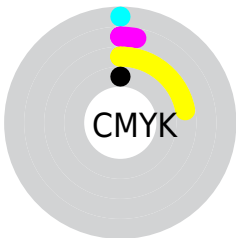
Distribution



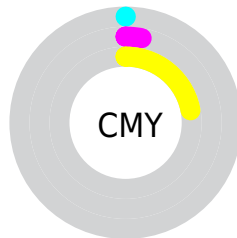
- Red (100%)
- Green (97%)
- Blue (78%)



- Red (81%)
- Yellow (100%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (22%)
- Black (0%)




- Cyan (0%)
- Magenta (3%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4720, 0.3480, 0.3786 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 92.4720, 0.3480, 0.3786 by changing the saturation by 10% instead.


 92.4720, 0.3480,
0.3786

 92.4720, 0.3480,
0.3786


536.0398, 0.3326,
0.3565

 70.0327, 0.3513,
0.3835


150.7674, 0.3428,
0.3711

 51.5532, 0.3553,
0.3893


187.3923, 0.3408,
0.3681

 36.6491, 0.3601,
0.3966


229.5146, 0.3390,
0.3655

 24.9359, 0.3662,
0.4058

277.5186, 0.3374,
0.3633

 16.0293, 0.3739,
0.4179

331.7887, 0.3360,
0.3613

 9.5449, 0.3840,
0.4341

392.7093, 0.3347,

 5.0983, 0.3974,

0.3595

0.4570

460.6649, 0.3336,
0.3579

■ 2.3050, 0.4274,
0.5051

■ 0.7764, 0.4384,
0.5616

■ 92.4720, 0.3480,
0.3786

■ 92.4720, 0.3480,
0.3786

■ 89.4901, 0.3646,
0.4011

■ 95.6917, 0.3317,
0.3560

■ 86.7245, 0.3812,
0.4228

■ 99.1472, 0.3162,
0.3341

■ 84.1681, 0.3969,
0.4426

100.0000, 0.3127,
0.3290

■ 81.8089, 0.4112,
0.4596

■ 79.6335, 0.4234,
0.4728

■ 77.6262, 0.4330,
0.4815

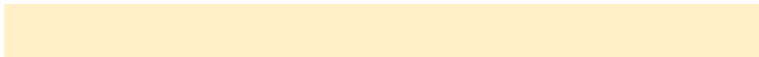
■ 75.7685, 0.4397,
0.4857

■ 74.4295, 0.4432,
0.4863

Harmonies

Analogous

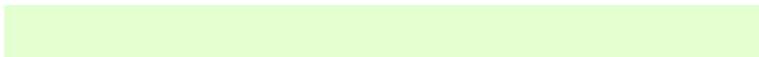
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4720, 0.3655, 0.3667



92.4720, 0.3480, 0.3786



92.4720, 0.3214, 0.3766

Triad

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



92.4720, 0.3480, 0.3786



92.4720, 0.2600, 0.3080



92.4720, 0.3308, 0.3008

Complementary

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



92.4720, 0.3480, 0.3786



62.8676, 0.2753, 0.2740

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.



92.4720, 0.3020, 0.2864



92.4720, 0.3480, 0.3786



92.4720, 0.2622, 0.2895

Square

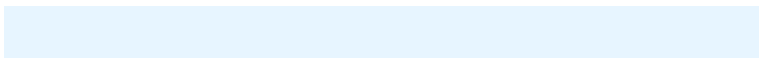
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.4720, 0.3480, 0.3786



92.4720, 0.2712, 0.3340



92.4720, 0.2771, 0.2821



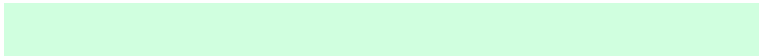
92.4720, 0.3556, 0.3221

Rectangle

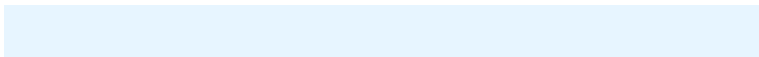
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.4720, 0.3480, 0.3786



92.4720, 0.3024, 0.3668



92.4720, 0.2771, 0.2821



92.4720, 0.3213, 0.2951

Sweetspot

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



92.4758, 0.3480, 0.3786



97.5148, 0.3233, 0.3441



66.0713, 0.3526, 0.3213



20.8275, 0.3243, 0.3455



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.



92.4758, 0.3480, 0.3786



91.0635, 0.3557, 0.3891



93.1036, 0.3327, 0.3876



20.6881, 0.3272, 0.3497



39.0410, 0.4427, 0.4867



3.9036, 0.4397, 0.4891

Inverse Universe

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



62.8676, 0.2753, 0.2740



56.5252, 0.2665, 0.2608



62.6375, 0.2891, 0.2686



17.7364, 0.2979, 0.3075



4.4033, 0.1525, 0.0689



0.5370, 0.1566, 0.0839

Previews

White Background



This preview shows how the Yxy color 92.4720, 0.3480, 0.3786 looks on a white background.

Color Contrast Check

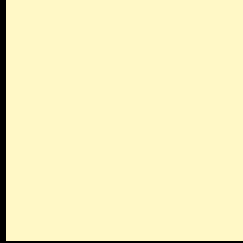
Large Text (above 18pt) WCAG AA × Fail

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 92.4720, 0.3480, 0.3786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

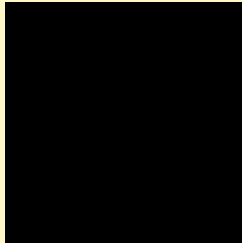
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.4720, 0.3480, 0.3786

Background



This preview shows how black text looks on a background with the Yxy color 92.4720, 0.3480, 0.3786.

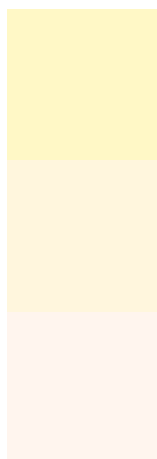


This preview shows how white text looks on a background with the Yxy color 92.4720, 0.3480, 0.3786.

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

92.4720, 0.3480, 0.3786

Protanopia

92.3920, 0.3339, 0.3536

Deuteranopia

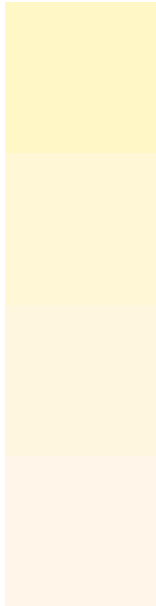
92.7379, 0.3235, 0.3358



Tritanopia

92.4530, 0.3145, 0.3194

Trichromacy



Original Color

92.4720, 0.3480, 0.3786

Protanomaly

92.5856, 0.3388, 0.3626

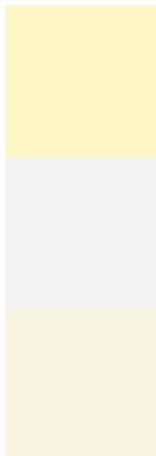
Deuteranomaly

92.4992, 0.3327, 0.3516

Tritanomaly

92.4480, 0.3266, 0.3407

Monochromacy



Original Color

92.4720, 0.3480, 0.3786

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.8073, 0.3256, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4720, 0.3480, 0.3786 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 198) }
```

Border

The CSS property to change the border of an element to Yxy 92.4720, 0.3480, 0.3786 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, 198) }
```

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

```
.border{ border-color:rgb(255, 248, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4720, 0.3480, 0.3786 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, 198) }
```

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

```
.background{ background-color: rgb(255,  
248, 198) }
```

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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