

Converting Colors

$Y_{xy}(89.5790, 0.3545, 0.3705)$

Have a look what the booklet for
Yxy(89.5790, 0.3545, 0.3705)
contains.

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Color

Yxy(88.2478, 0.3494, 0.3720)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1C6
RGB	255, 241, 198
RGB Percent	100%, 95%, 78%
CMY	0.0000, 0.0549, 0.2235
CMYK	0.00, 0.05, 0.22, 0.00
HSL	45°, 100%, 89%
HSV	45°, 22%, 100%
XYZ	82.8865, 88.2478, 66.0910
YIQ	240.2840, 22.1470, -10.4050

Conversions

Conversions Part 2

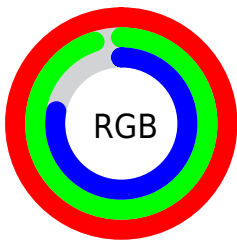
Format	Color
RYB	217, 255, 198
Decimal	16773574
CIELab	95.27, -1.90, 22.50
CIELCh	95, 22.577, 94.815
Yxy	88.2478, 0.3494, 0.3720
Android (android.graphics.Color)	4294963654 (0xFFFFF1C6)
YUV	240.2840, -20.8460, 12.9059
Hunter-Lab	93.9403, -6.8993, 24.0452

Details

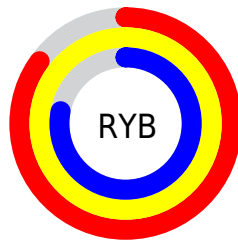
The Yxy color **88.2478, 0.3494, 0.3720** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.3063, 0.2759, 0.2820**, and the grayscale version is **87.5269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7173, 0.3575, 0.3813** is the 20% darker color. If you saturate the color by 10%, you get **83.5310, 0.3676, 0.3918**, and if you desaturate by 10%, it is **93.2979, 0.3322, 0.3523**.

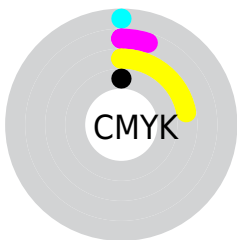
Distribution



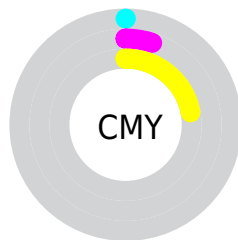
- Red (100%)
- Green (95%)
- Blue (78%)



- Red (85%)
- Yellow (100%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.2478, 0.3494, 0.3720 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 88.2478, 0.3494, 0.3720 by changing the saturation by 10% instead.


 88.2478, 0.3494,
0.3720

 88.2478, 0.3494,
0.3720


522.3144, 0.3331,
0.3528

 66.5283, 0.3530,
0.3762


144.9021, 0.3439,
0.3655

 48.7014, 0.3573,
0.3814


180.6057, 0.3417,
0.3629

 34.3827, 0.3626,
0.3877


221.7394, 0.3398,
0.3606

 23.1877, 0.3693,
0.3958

268.6878, 0.3381,
0.3587

 14.7322, 0.3780,
0.4064

321.8350, 0.3367,
0.3569

 8.6316, 0.3896,
0.4206

381.5656, 0.3353,

 4.5017, 0.4057,

0.3554

0.4408

448.2639, 0.3342,
0.3540

■ 1.9580, 0.4449,
0.4884

■ 0.5829, 0.4656,
0.5344

■ 88.2478, 0.3494,
0.3720

■ 88.2478, 0.3494,
0.3720

■ 83.5310, 0.3676,
0.3918

■ 93.2979, 0.3322,
0.3523

■ 79.1244, 0.3865,
0.4111

■ 98.6798, 0.3163,
0.3333

■ 75.0199, 0.4054,
0.4289

■ 99.9988, 0.3127,
0.3290

■ 71.2044, 0.4235,
0.4441

■ 67.6633, 0.4400,
0.4557

■ 64.3799, 0.4541,
0.4627

■ 61.3342, 0.4651,
0.4648

■ 59.1429, 0.4718,
0.4636

Harmonies

Analogous

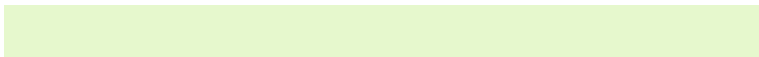
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2478, 0.3622, 0.3590



88.2478, 0.3494, 0.3720



88.2478, 0.3270, 0.3733

Triad

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



88.2478, 0.3494, 0.3720



88.2478, 0.2666, 0.3157



88.2478, 0.3227, 0.2996

Complementary

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



88.2478, 0.3494, 0.3720



66.3063, 0.2759, 0.2820

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.



88.2478, 0.2970, 0.2886



88.2478, 0.3494, 0.3720



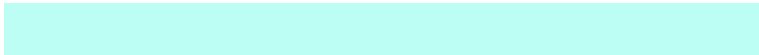
88.2478, 0.2655, 0.2968

Square

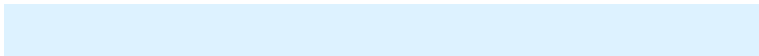
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.2478, 0.3494, 0.3720



88.2478, 0.2795, 0.3396



88.2478, 0.2763, 0.2873



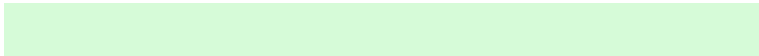
88.2478, 0.3465, 0.3177

Rectangle

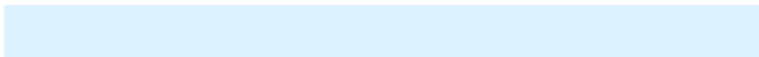
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.2478, 0.3494, 0.3720



88.2478, 0.3098, 0.3667



88.2478, 0.2763, 0.2873



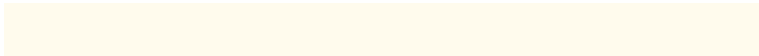
88.2478, 0.3140, 0.2950

Sweetspot

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



88.2518, 0.3494, 0.3720



96.1402, 0.3235, 0.3421



66.4140, 0.3473, 0.3145



20.5084, 0.3245, 0.3432



0.0000, 0.0000, 0.0000



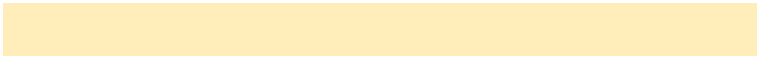
21.4041, 0.3127, 0.3290

Same Dimension

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



88.2518, 0.3494, 0.3720



86.0216, 0.3578, 0.3812



94.2495, 0.3371, 0.3868



20.2911, 0.3275, 0.3468



31.1520, 0.4707, 0.4645



3.2042, 0.4636, 0.4701

Inverse Universe

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



66.3063, 0.2759, 0.2820



60.4112, 0.2674, 0.2706



61.6429, 0.2844, 0.2678



18.1016, 0.2979, 0.3105



5.8002, 0.1577, 0.0876



0.7274, 0.1634, 0.1082

Previews

White Background



This preview shows how the Yxy color 88.2478, 0.3494, 0.3720 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 88.2478, 0.3494, 0.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

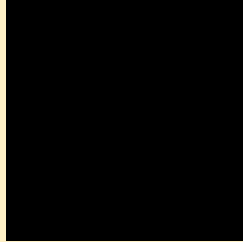
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.2478, 0.3494, 0.3720

Background



This preview shows how black text looks on a background with the Yxy color 88.2478, 0.3494, 0.3720.



This preview shows how white text looks on a background with the Yxy color 88.2478, 0.3494, 0.3720.

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

88.2478, 0.3494, 0.3720

Protanopia

88.2941, 0.3488, 0.3710

Deuteranopia

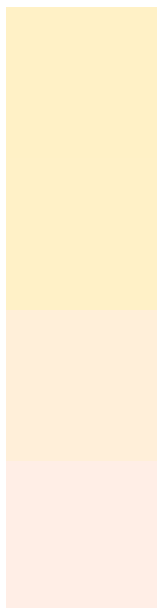
88.0105, 0.3305, 0.3389



Tritanopia

88.0282, 0.3179, 0.3174

Trichromacy



Original Color

88.2478, 0.3494, 0.3720

Protanomaly

88.2941, 0.3488, 0.3710

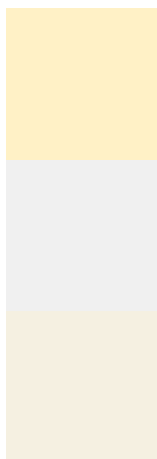
Deuteranomaly

88.0028, 0.3374, 0.3509

Tritanomaly

88.1222, 0.3292, 0.3369

Monochromacy



Original Color

88.2478, 0.3494, 0.3720

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.1689, 0.3253, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2478, 0.3494, 0.3720 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, 241, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 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, 241, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 198) }
```

Border

The CSS property to change the border of an element to Yxy 88.2478, 0.3494, 0.3720 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, 241, 198) }
```

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

```
.border{ border-color:rgb(255, 241, 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, 241, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2478, 0.3494, 0.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 198) }
```

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

```
.background{ background-color: rgb(255,  
241, 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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