

Converting Colors

$Y_{xy}(87.9900, 0.3528, 0.3773)$

Have a look what the booklet for
Yxy(87.9900, 0.3528, 0.3773)
contains.

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Color

Yxy(88.0208, 0.3526, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1C1
RGB	255, 241, 193
RGB Percent	100%, 95%, 76%
CMY	0.0002, 0.0548, 0.2432
CMYK	0.00, 0.05, 0.24, 0.00
HSL	47°, 100%, 88%
HSV	47°, 24%, 100%
XYZ	82.3021, 88.0208, 63.0921
YIQ	239.7140, 23.7520, -11.9600

Conversions

Conversions Part 2

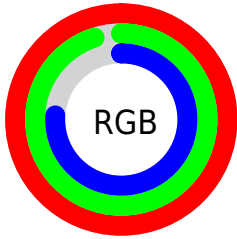
Format	Color
R_{YB}	211, 255, 193
Decimal	16773569
CIE _{Lab}	95.17, -2.61, 24.93
CIE _{LCh}	95, 25.070, 95.973
Yxy	88.0208, 0.3526, 0.3771
Android (android.graphics.Color)	4294963649 (0xFFFFF1C1)
YUV	239.7140, -23.0300, 13.4058
Hunter-Lab	93.8194, -7.5966, 25.8020

Details

The Yxy color **88.0208, 0.3526, 0.3771** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.1245, 0.2722, 0.2758**, and the grayscale version is **87.0675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **48.5678, 0.3616, 0.3877** is the 20% darker color. If you saturate the color by 10%, you get **83.6472, 0.3707, 0.3974**, and if you desaturate by 10%, it is **92.7049, 0.3354, 0.3569**.

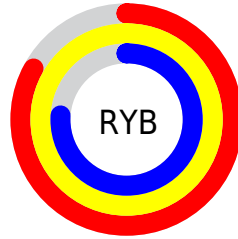
Distribution



Red (100%)

Green (95%)

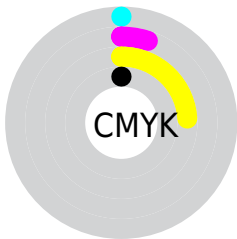
Blue (76%)



Red (83%)

Yellow (100%)

Blue (76%)

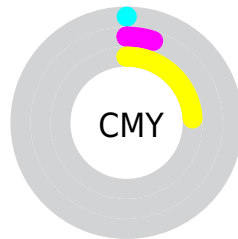


Cyan (0%)

Magenta (5%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.0208, 0.3526, 0.3771 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 88.0208, 0.3526, 0.3771 by changing the saturation by 10% instead.

88.0208, 0.3526,
0.3771

88.0208, 0.3526,
0.3771

521.5713, 0.3349,
0.3556

66.3403, 0.3564,
0.3818

144.5861, 0.3466,
0.3698

48.5487, 0.3611,
0.3876

180.2397, 0.3443,
0.3669

34.2616, 0.3668,
0.3947

221.3198, 0.3422,
0.3644

23.0947, 0.3740,
0.4037

268.2108, 0.3404,
0.3622

14.6634, 0.3832,
0.4154

321.2970, 0.3388,
0.3602

8.5835, 0.3955,
0.4312

380.9629, 0.3373,

4.4705, 0.4121,

0.3585

0.4532

447.5929, 0.3361,
0.3570

■ 1.9401, 0.4619,
0.5154

■ 0.5723, 0.4563,
0.5437

■ 88.0208, 0.3526,
0.3771

■ 88.0208, 0.3526,
0.3771

■ 83.6472, 0.3707,
0.3974

■ 92.7049, 0.3354,
0.3569

■ 79.5612, 0.3892,
0.4168

■ 97.6980, 0.3193,
0.3372

■ 75.7549, 0.4074,
0.4346

99.9883, 0.3127,
0.3290

■ 72.2151, 0.4245,
0.4495

■ 68.9272, 0.4398,
0.4605

■ 65.8744, 0.4525,
0.4670

■ 63.0363, 0.4622,
0.4685

■ 61.4991, 0.4666,
0.4677

Harmonies

Analogous

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



88.0208, 0.3674, 0.3629



88.0208, 0.3526, 0.3771



88.0208, 0.3274, 0.3782

Triad

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



88.0208, 0.3526, 0.3771



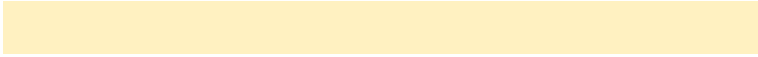
88.0208, 0.2613, 0.3131



88.0208, 0.3249, 0.2971

Complementary

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



88.0208, 0.3526, 0.3771



63.1245, 0.2722, 0.2758

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.



88.0208, 0.2963, 0.2846



88.0208, 0.3526, 0.3771



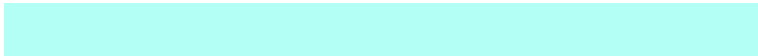
88.0208, 0.2606, 0.2925

Square

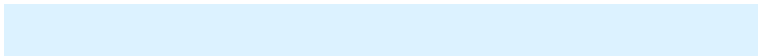
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.0208, 0.3526, 0.3771



88.0208, 0.2751, 0.3397



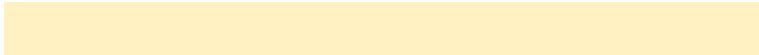
88.0208, 0.2731, 0.2827



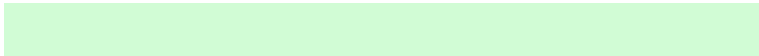
88.0208, 0.3511, 0.3173

Rectangle

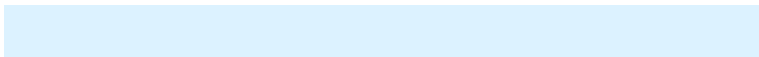
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0208, 0.3526, 0.3771



88.0208, 0.3083, 0.3705



88.0208, 0.2731, 0.2827



88.0208, 0.3152, 0.2919

Sweetspot

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



88.0248, 0.3526, 0.3771



96.3727, 0.3235, 0.3424



63.9066, 0.3520, 0.3142



20.5624, 0.3244, 0.3436



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

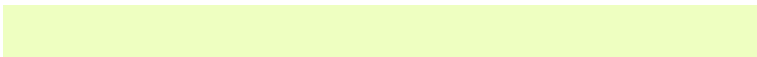
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0248, 0.3526, 0.3771



85.9785, 0.3610, 0.3867



93.5794, 0.3385, 0.3922



20.3581, 0.3275, 0.3473



32.3861, 0.4656, 0.4685



3.3150, 0.4592, 0.4736

Inverse Universe

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



63.1245, 0.2722, 0.2758



57.2797, 0.2636, 0.2638



58.9767, 0.2823, 0.2620



18.0391, 0.2979, 0.3100



5.4960, 0.1566, 0.0836



0.6899, 0.1621, 0.1036

Previews

White Background



This preview shows how the Yxy color 88.0208, 0.3526, 0.3771 looks on a white background.

Color Contrast Check

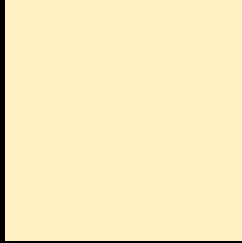
Large Text (above 18pt) WCAG AA × Fail

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 88.0208, 0.3526, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

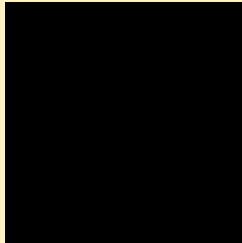
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.0208, 0.3526, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 88.0208, 0.3526, 0.3771.

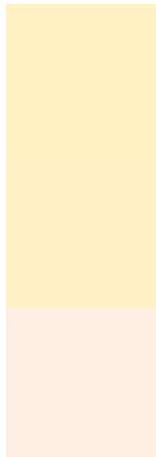


This preview shows how white text looks on a background with the Yxy color 88.0208, 0.3526, 0.3771.

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

88.0208, 0.3526, 0.3771

Protanopia

88.2018, 0.3501, 0.3730

Deuteranopia

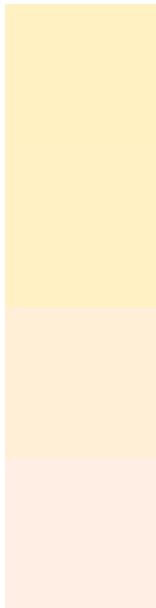
87.9551, 0.3311, 0.3399



Tritanopia

88.0282, 0.3179, 0.3174

Trichromacy



Original Color

88.0208, 0.3526, 0.3771

Protanomaly

88.1561, 0.3507, 0.3740

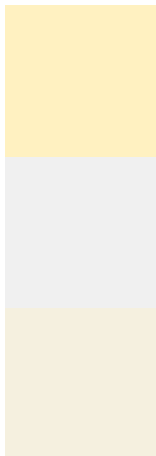
Deuteranomaly

87.8993, 0.3387, 0.3529

Tritanomaly

88.0105, 0.3305, 0.3389

Monochromacy



Original Color

88.0208, 0.3526, 0.3771

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.0604, 0.3266, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0208, 0.3526, 0.3771 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 193) }
```

Border

The CSS property to change the border of an element to Yxy 88.0208, 0.3526, 0.3771 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, 193) }
```

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

```
.border{ border-color:rgb(255, 241, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0208, 0.3526, 0.3771 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, 193) }
```

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

```
.background{ background-color: rgb(255,  
241, 193) }
```

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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