

Converting Colors

Yxy(86.3833, 0.3674, 0.4100)

Have a look what the booklet for
Yxy(86.3833, 0.3674, 0.4100)
contains.

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Color

Yxy(86.2526, 0.3677, 0.4100)

Conversions

Conversions Part 1

Format	Color
Hex	F9F2A2
RGB	249, 242, 162
RGB Percent	98%, 95%, 64%
CMY	0.0234, 0.0510, 0.3646
CMYK	0.00, 0.03, 0.35, 0.02
HSL	55°, 88%, 81%
HSV	55°, 35%, 98%
XYZ	77.3539, 86.2526, 46.7657
YIQ	234.9730, 29.8520, -23.3960

Conversions

Conversions Part 2

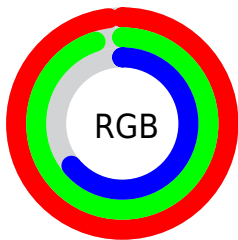
Format	Color
RYB	170, 249, 162
Decimal	16380578
CIELab	94.42, -9.13, 39.48
CIELCh	94, 40.522, 103.017
Yxy	86.2526, 0.3677, 0.4100
Android (android.graphics.Color)	4294570658 (0xFFFF9F2A2)
YUV	234.9730, -35.9757, 12.3017
Hunter-Lab	92.8723, -13.8528, 35.1552

Details

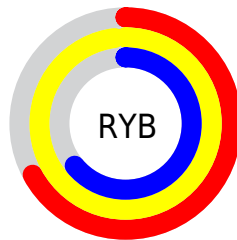
The Yxy color **86.2526, 0.3677, 0.4100** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **42.9322, 0.2503, 0.2325**, and the grayscale version is **83.3262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8420, 0.3345, 0.3651**, and **47.2983, 0.3783, 0.4280** is the 20% darker color. If you saturate the color by 10%, you get **84.2618, 0.3833, 0.4320**, and if you desaturate by 10%, it is **88.4399, 0.3516, 0.3868**.

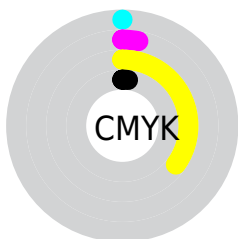
Distribution



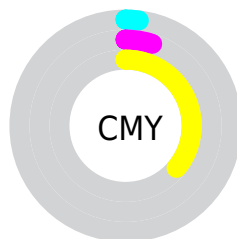
- Red (98%)
- Green (95%)
- Blue (64%)



- Red (67%)
- Yellow (98%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (35%)
- Black (2%)





- Cyan (2%)
- Magenta (5%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.2526, 0.3677, 0.4100 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 86.2526, 0.3677, 0.4100 by changing the saturation by 10% instead.

 86.2526, 0.3677,
0.4100

 86.2526, 0.3677,
0.4100


515.7638, 0.3439,
0.3735

 64.8769, 0.3727,
0.4180

 142.1219, 0.3598,
0.3976

 47.3612, 0.3785,
0.4276


 177.3843, 0.3566,
0.3927

 33.3213, 0.3855,
0.4394


218.0444, 0.3538,
0.3885

 22.3727, 0.3939,
0.4542

264.4865, 0.3514,
0.3847

 14.1310, 0.4038,
0.4729

317.0952, 0.3492,
0.3814

 8.2118, 0.4152,
0.4968

376.2546, 0.3472,

 4.2308, 0.4367,

0.3785

0.5399

442.3494, 0.3455,
0.3759

■ 1.8035, 0.4336,
0.5664

■ 0.4893, 0.3312,
0.6688

■ 86.2526, 0.3677,
0.4100

■ 86.2526, 0.3677,
0.4100

■ 84.2618, 0.3833,
0.4320

■ 88.4399, 0.3516,
0.3868

■ 82.4453, 0.3977,
0.4517


■ 90.8215, 0.3356,
0.3633

■ 80.7955, 0.4103,
0.4683


■ 93.4102, 0.3201,
0.3401


■ 79.2993, 0.4206,
0.4808


■ 95.7790, 0.3092,
0.3242

 77.9416, 0.4281,
0.4889

 97.0405, 0.3091,
0.3262

 76.7037, 0.4329,
0.4925

 98.3154, 0.3091,
0.3281

 76.1093, 0.4345,
0.4932

 98.8877, 0.3090,
0.3290

Harmonies

Analogous

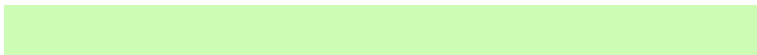
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2526, 0.3976, 0.3886



86.2526, 0.3677, 0.4100



86.2526, 0.3242, 0.4082

Triad

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



86.2526, 0.3677, 0.4100



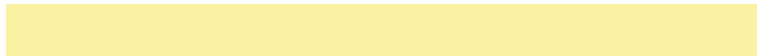
86.2526, 0.2292, 0.2925



86.2526, 0.3428, 0.2852

Complementary

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



86.2526, 0.3677, 0.4100



42.9322, 0.2503, 0.2325

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.



86.2526, 0.2958, 0.2627



86.2526, 0.3677, 0.4100



86.2526, 0.2332, 0.2646

Square

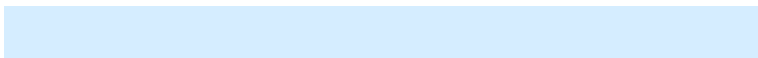
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.2526, 0.3677, 0.4100



86.2526, 0.2455, 0.3349



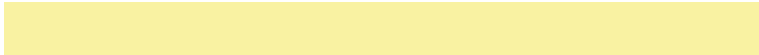
86.2526, 0.2565, 0.2549



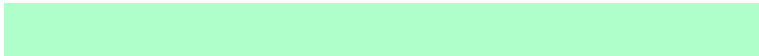
86.2526, 0.3836, 0.3178

Rectangle

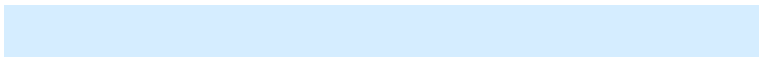
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.2526, 0.3677, 0.4100



86.2526, 0.2938, 0.3917



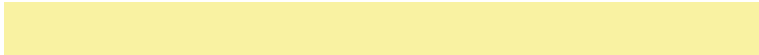
86.2526, 0.2565, 0.2549



86.2526, 0.3270, 0.2763

Sweetspot

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



86.2565, 0.3677, 0.4100



97.1537, 0.3279, 0.3518



48.8733, 0.3893, 0.3214



20.7131, 0.3301, 0.3550



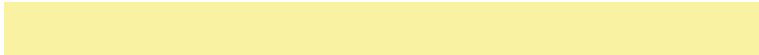
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

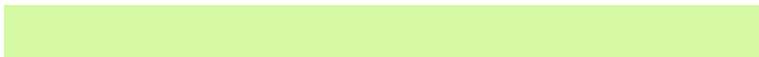
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2565, 0.3677, 0.4100



89.5017, 0.3789, 0.4258



84.5020, 0.3403, 0.4241



19.9358, 0.3271, 0.3506



40.8243, 0.4343, 0.4934



3.8502, 0.4323, 0.4950

Inverse Universe

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



42.9322, 0.2503, 0.2325



37.4784, 0.2355, 0.2090



44.7372, 0.2758, 0.2311



16.8689, 0.2979, 0.3065



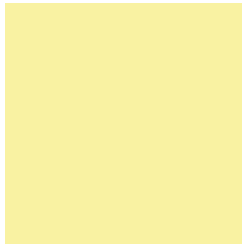
4.0111, 0.1514, 0.0651



0.4467, 0.1546, 0.0766

Previews

White Background



This preview shows how the Yxy color 86.2526, 0.3677, 0.4100 looks on a white background.

Color Contrast Check

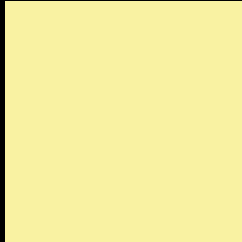
Large Text (above 18pt) WCAG AA × Fail

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 86.2526, 0.3677, 0.4100 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 86.2526, 0.3677, 0.4100

Background



This preview shows how black text looks on a background with the Yxy color 86.2526, 0.3677, 0.4100.

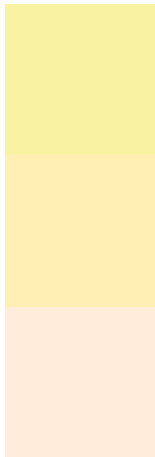


This preview shows how white text looks on a background with the Yxy color 86.2526, 0.3677, 0.4100.

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

86.2526, 0.3677, 0.4100

Protanopia

86.2883, 0.3615, 0.3883

Deuteranopia

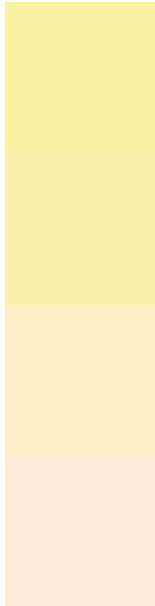
86.3129, 0.3372, 0.3470



Tritanopia

86.2532, 0.3187, 0.3154

Trichromacy



Original Color

86.2526, 0.3677, 0.4100

Protanomaly

86.2200, 0.3643, 0.3965

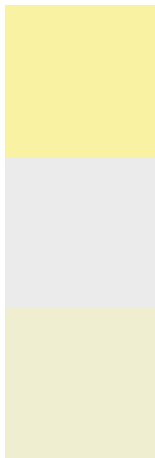
Deuteranomaly

86.1089, 0.3486, 0.3693

Tritanomaly

85.8314, 0.3371, 0.3491

Monochromacy



Original Color

86.2526, 0.3677, 0.4100

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

84.2284, 0.3330, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.2526, 0.3677, 0.4100 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(249, 242, 162)` looks like.

```
.text, #text, p{  
    color:rgb(249, 242, 162)  
}
```

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(249, 242, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 242, 162) }
```

Border

The CSS property to change the border of an element to Yxy 86.2526, 0.3677, 0.4100 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(249, 242, 162) }
```

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

```
.border{ border-color:rgb(249, 242, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 242, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 242, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 242, 162);  
box-shadow:4px 4px 4px 4px rgb(249, 242,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 86.2526, 0.3677, 0.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 242, 162) }
```

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

```
.background{ background-color: rgb(249,  
242, 162) }
```

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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