

Converting Colors

$Y_{xy}(90.6303, 0.3821, 0.3901)$

Have a look what the booklet for
Yxy(90.6303, 0.3821, 0.3901)
contains.

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Color

Yxy(86.0490, 0.3654, 0.3943)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFAE
RGB	255, 239, 174
RGB Percent	100%, 94%, 68%
CMY	0.0000, 0.0627, 0.3177
CMYK	0.00, 0.06, 0.32, 0.00
HSL	48°, 100%, 84%
HSV	48°, 32%, 100%
XYZ	79.7421, 86.0490, 52.4412
YIQ	236.3740, 30.4010, -16.8230

Conversions

Conversions Part 2

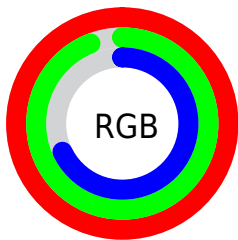
Format	Color
RYB	194, 255, 174
Decimal	16773038
CIELab	94.33, -4.00, 33.46
CIELCh	94, 33.696, 96.813
Yxy	86.0490, 0.3654, 0.3943
Android (android.graphics.Color)	4294963118 (0xFFFFEFAE)
YUV	236.3740, -30.7504, 16.3350
Hunter-Lab	92.7626, -8.8895, 31.4156

Details

The Yxy color **86.0490, 0.3654, 0.3943** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.0265, 0.2580, 0.2538**, and the grayscale version is **84.4055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **47.1178, 0.3761, 0.4082** is the 20% darker color. If you saturate the color by 10%, you get **82.2467, 0.3833, 0.4146**, and if you desaturate by 10%, it is **90.1299, 0.3478, 0.3734**.

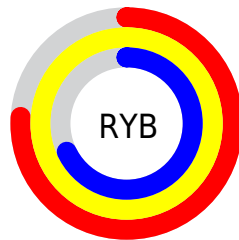
Distribution



Red (100%)

Green (94%)

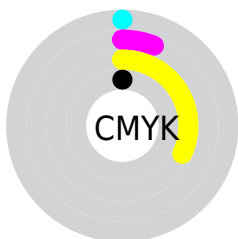
Blue (68%)



Red (76%)

Yellow (100%)

Blue (68%)

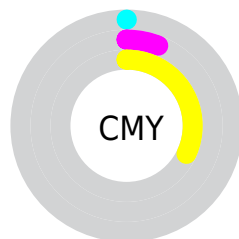


Cyan (0%)

Magenta (6%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (6%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.0490, 0.3654, 0.3943 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 86.0490, 0.3654, 0.3943 by changing the saturation by 10% instead.

 86.0490, 0.3654,
0.3943

 86.0490, 0.3654,
0.3943


515.0928, 0.3422,
0.3650

 64.7085, 0.3704,
0.4007


 141.8379, 0.3576,
0.3844

 47.2247, 0.3763,
0.4084


177.0550, 0.3545,
0.3805

 33.2134, 0.3836,
0.4179


217.6665, 0.3518,
0.3770

 22.2899, 0.3926,
0.4298

264.0567, 0.3494,
0.3740

 14.0701, 0.4038,
0.4450

316.6100, 0.3473,
0.3714

 8.1694, 0.4178,
0.4648

375.7109, 0.3454,

 4.2036, 0.4371,

0.3690

0.4932

441.7437, 0.3437,
0.3669

■ 1.7881, 0.4641,
0.5359

■ 0.4797, 0.4276,
0.5724

■ 86.0490, 0.3654,
0.3943

■ 86.0490, 0.3654,
0.3943

■ 82.2467, 0.3833,
0.4146

■ 90.1299, 0.3478,
0.3734

■ 78.6998, 0.4010,
0.4334

■ 94.4881, 0.3311,
0.3526

■ 75.3998, 0.4176,
0.4495

■ 99.1374, 0.3154,
0.3325

■ 72.3329, 0.4325,
0.4620

■ 99.9980, 0.3127,
0.3290

■ 69.4831, 0.4448,
0.4701

■ 66.8314, 0.4542,
0.4733

■ 64.7741, 0.4600,
0.4730

Harmonies

Analogous

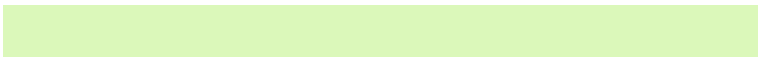
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0490, 0.3865, 0.3744



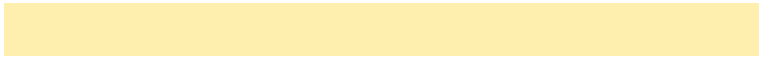
86.0490, 0.3654, 0.3943



86.0490, 0.3308, 0.3964

Triad

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



86.0490, 0.3654, 0.3943



86.0490, 0.2439, 0.3057



86.0490, 0.3299, 0.2872

Complementary

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



86.0490, 0.3654, 0.3943



53.0265, 0.2580, 0.2538

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.



86.0490, 0.2912, 0.2704



86.0490, 0.3654, 0.3943



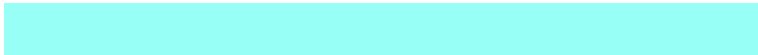
86.0490, 0.2435, 0.2789

Square

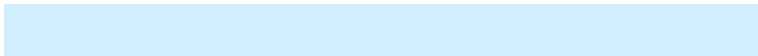
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0490, 0.3654, 0.3943



86.0490, 0.2613, 0.3422



86.0490, 0.2603, 0.2670



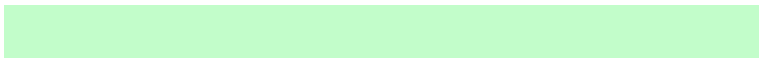
86.0490, 0.3657, 0.3138

Rectangle

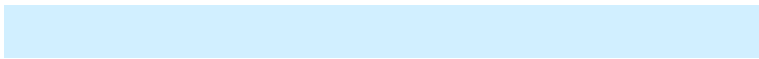
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.0490, 0.3654, 0.3943



86.0490, 0.3051, 0.3856



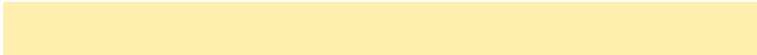
86.0490, 0.2603, 0.2670



86.0490, 0.3167, 0.2803

Sweetspot

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



86.0529, 0.3654, 0.3943



95.2978, 0.3282, 0.3490



55.2496, 0.3712, 0.3122



20.2613, 0.3305, 0.3518



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

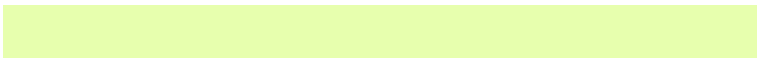
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0529, 0.3654, 0.3943



83.6578, 0.3766, 0.4071



91.5056, 0.3443, 0.4132



20.4460, 0.3274, 0.3479



34.0640, 0.4592, 0.4736



3.4646, 0.4538, 0.4779

Inverse Universe

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



53.0265, 0.2580, 0.2538



46.0278, 0.2459, 0.2361



49.5298, 0.2728, 0.2390



17.9577, 0.2979, 0.3093



5.1412, 0.1553, 0.0789



0.6444, 0.1605, 0.0979

Previews

White Background



This preview shows how the Yxy color 86.0490, 0.3654, 0.3943 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 86.0490, 0.3654, 0.3943 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 86.0490, 0.3654, 0.3943

Background



This preview shows how black text looks on a background with the Yxy color 86.0490, 0.3654, 0.3943.



This preview shows how white text looks on a background with the Yxy color 86.0490, 0.3654, 0.3943.

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

86.0490, 0.3654, 0.3943

Protanopia

86.3292, 0.3609, 0.3873

Deuteranopia

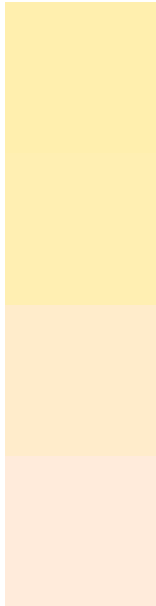
85.7911, 0.3367, 0.3450



Tritanopia

86.0695, 0.3207, 0.3183

Trichromacy



Original Color

86.0490, 0.3654, 0.3943

Protanomaly

86.2074, 0.3628, 0.3903

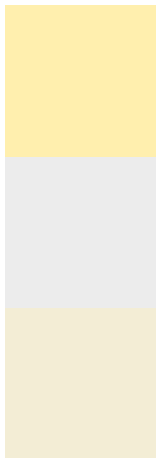
Deuteranomaly

85.5627, 0.3471, 0.3621

Tritanomaly

85.7911, 0.3367, 0.3450

Monochromacy



Original Color

86.0490, 0.3654, 0.3943

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.4272, 0.3320, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0490, 0.3654, 0.3943 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, 239, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 174)  
}
```

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, 239, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 174) }
```

Border

The CSS property to change the border of an element to Yxy 86.0490, 0.3654, 0.3943 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, 239, 174) }
```

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

```
.border{ border-color:rgb(255, 239, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0490, 0.3654, 0.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 174) }
```

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

```
.background{ background-color: rgb(255,  
239, 174) }
```

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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