

Converting Colors

Yxy(81.1442, 0.3918, 0.4403)

Have a look what the booklet for
Yxy(81.1442, 0.3918, 0.4403)
contains.

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Color

Yxy(81.4026, 0.3917, 0.4407)

Conversions

Conversions Part 1

Format	Color
Hex	F8EC7C
RGB	248, 236, 124
RGB Percent	97%, 93%, 49%
CMY	0.0273, 0.0745, 0.5138
CMYK	0.00, 0.05, 0.50, 0.03
HSL	54°, 90%, 73%
HSV	54°, 50%, 97%
XYZ	72.3517, 81.4026, 30.9577
YIQ	226.8200, 43.1040, -32.2880

Conversions

Conversions Part 2

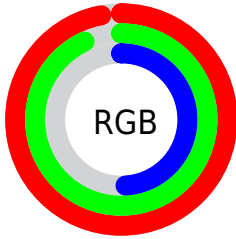
Format	Color
RYB	137, 248, 124
Decimal	16313468
CIELab	92.31, -10.32, 55.23
CIELCh	92, 56.186, 100.585
Yxy	81.4026, 0.3917, 0.4407
Android (android.graphics.Color)	4294503548 (0xFFF8EC7C)
YUV	226.8200, -50.6903, 18.5749
Hunter-Lab	90.2234, -14.7487, 42.8126

Details

The Yxy color **81.4026, 0.3917, 0.4407** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **28.6724, 0.2193, 0.1846**, and the grayscale version is **77.0334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **43.9163, 0.4057, 0.4634** is the 20% darker color. If you saturate the color by 10%, you get **79.4799, 0.4057, 0.4588**, and if you desaturate by 10%, it is **83.5093, 0.3763, 0.4200**.

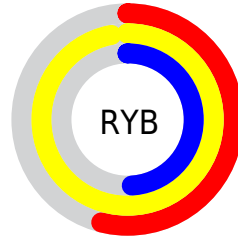
Distribution



Red (97%)

Green (93%)

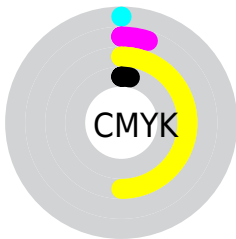
Blue (49%)



Red (54%)

Yellow (97%)

Blue (49%)

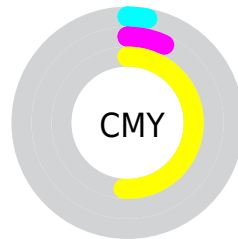


Cyan (0%)

Magenta (5%)

Yellow (50%)

Black (3%)



Cyan (3%)


Magenta (7%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.4026, 0.3917, 0.4407 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 81.4026, 0.3917, 0.4407 by changing the saturation by 10% instead.

 81.4026, 0.3917,
0.4407

 81.4026, 0.3917,
0.4407


499.6472, 0.3582,
0.3909


 60.8732, 0.3983,
0.4512


 135.3359, 0.3809,
0.4240

 44.1229, 0.4058,
0.4636


 169.5087, 0.3765,
0.4174

 30.7671, 0.4142,
0.4783


 208.9980, 0.3725,
0.4115

 20.4216, 0.4234,
0.4958

254.1883, 0.3690,
0.4064

 12.7019, 0.4325,
0.5161

305.4640, 0.3659,
0.4019

 7.2236, 0.4482,
0.5493

363.2094, 0.3631,

 3.6023, 0.4392,

0.3978

0.5608

427.8090, 0.3605,
0.3942

■ 1.4537, 0.4217,
0.5783

■ 0.2558, 0.0000,
1.0000

■ 81.4026, 0.3917,
0.4407

■ 81.4026, 0.3917,
0.4407

■ 79.4799, 0.4057,
0.4588

■ 83.5093, 0.3763,
0.4200

■ 77.7176, 0.4177,
0.4732


■ 85.7996, 0.3601,
0.3976

■ 76.1058, 0.4271,
0.4833

■ 88.2872, 0.3438,
0.3744


■ 74.6279, 0.4336,
0.4889


■ 90.9812, 0.3279,
0.3514

 73.2588, 0.4378,
0.4906

 93.8902, 0.3127,
0.3290

 95.8227, 0.3086,
0.3246

 97.3309, 0.3085,
0.3269

 98.7022, 0.3084,
0.3290

Harmonies

Analogous

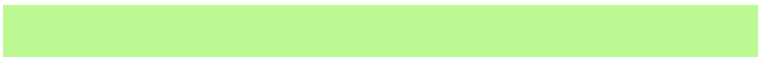
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.4026, 0.4330, 0.4050



81.4026, 0.3917, 0.4407



81.4026, 0.3316, 0.4456

Triad

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



81.4026, 0.3917, 0.4407



81.4026, 0.1995, 0.2798



81.4026, 0.3489, 0.2658

Complementary

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



81.4026, 0.3917, 0.4407



28.6724, 0.2193, 0.1846

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.



81.4026, 0.2830, 0.2375



81.4026, 0.3917, 0.4407



81.4026, 0.2029, 0.2413

Square

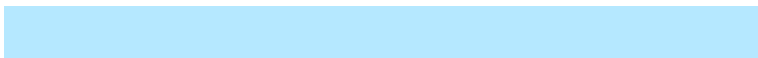
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.4026, 0.3917, 0.4407



81.4026, 0.2223, 0.3412



81.4026, 0.2315, 0.2281



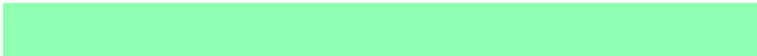
81.4026, 0.4093, 0.3079

Rectangle

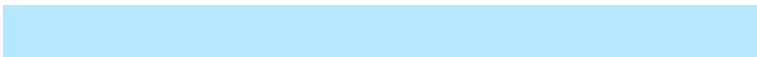
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.4026, 0.3917, 0.4407



81.4026, 0.2894, 0.4245



81.4026, 0.2315, 0.2281



81.4026, 0.3263, 0.2546

Sweetspot

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



81.4064, 0.3917, 0.4407



95.4324, 0.3358, 0.3629



36.1591, 0.4409, 0.3163



20.2979, 0.3392, 0.3678



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

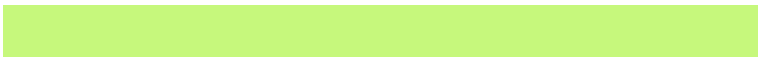
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4064, 0.3917, 0.4407



84.6334, 0.4058, 0.4589



80.6698, 0.3509, 0.4671



19.8859, 0.3271, 0.3502



39.6789, 0.4374, 0.4909



3.7560, 0.4350, 0.4928

Inverse Universe

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



28.6724, 0.2193, 0.1846



22.7302, 0.1991, 0.1515



30.1402, 0.2530, 0.1836



16.9137, 0.2979, 0.3069



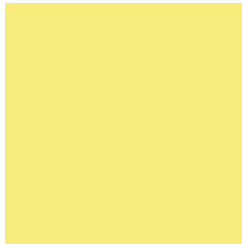
4.1036, 0.1518, 0.0665



0.4679, 0.1555, 0.0798

Previews

White Background



This preview shows how the Yxy color 81.4026, 0.3917, 0.4407 looks on a white background.

Color Contrast Check

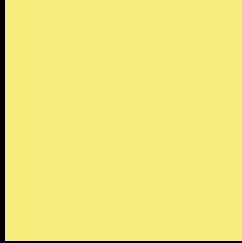
Large Text (above 18pt) WCAG AA × Fail

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 81.4026, 0.3917, 0.4407 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 81.4026, 0.3917, 0.4407

Background



This preview shows how black text looks on a background with the Yxy color 81.4026, 0.3917, 0.4407.



This preview shows how white text looks on a background with the Yxy color 81.4026, 0.3917, 0.4407.

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

81.4026, 0.3917, 0.4407

Protanopia

81.2871, 0.3920, 0.4262

Deuteranopia

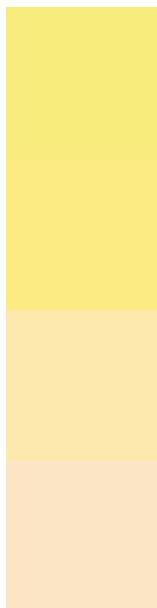
81.4221, 0.3512, 0.3594



Tritanopia

81.3424, 0.3245, 0.3152

Trichromacy



Original Color

81.4026, 0.3917, 0.4407

Protanomaly

81.1798, 0.3916, 0.4316

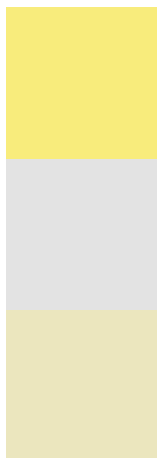
Deuteranomaly

81.3872, 0.3666, 0.3903

Tritanomaly

80.7653, 0.3504, 0.3617

Monochromacy



Original Color

81.4026, 0.3917, 0.4407

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.9735, 0.3425, 0.3716

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.4026, 0.3917, 0.4407 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(248, 236, 124)` looks like.

```
.text, #text, p{  
    color:rgb(248, 236, 124)  
}
```

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(248, 236, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 236, 124) }
```

Border

The CSS property to change the border of an element to Yxy 81.4026, 0.3917, 0.4407 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(248, 236, 124) }
```

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

```
.border{ border-color:rgb(248, 236, 124) }
```

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

Here you see how a box with a 4 pixel rgb(248, 236, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 236, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 236, 124);  
box-shadow:4px 4px 4px 4px rgb(248, 236,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 81.4026, 0.3917, 0.4407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 236, 124) }
```

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

```
.background{ background-color: rgb(248,  
236, 124) }
```

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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