Converting Colors

Yxy(89.0838, 0.3862, 0.4478)

Have a look what the booklet for Yxy(89.0838, 0.3862, 0.4478) contains.

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Color

Yxy(88.9652, 0.3865, 0.4480)

Conversions

Conversions Part 1

Format	Color
Hex	FAF87E
RGB	250, 248, 126
RGB Percent	98%, 97%, 49%
CMY	0.0197, 0.0274, 0.5059
CMYK	0.00, 0.01, 0.50, 0.02
HSL	59°, 93%, 74%
HSV	59°, 50%, 98%
XYZ	76.7523, 88.9652, 32.8655
YIQ	234.6900, 40.3540, -37.5180

Conversions

Conversions Part 2

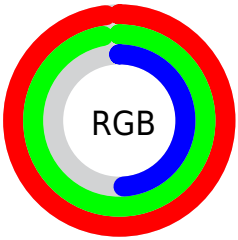
Format	Color
RYB	128, 250, 126
Decimal	16447614
CIELab	95.57, -15.28, 58.19
CIELCh	96, 60.167, 104.711
Yxy	88.9652, 0.3865, 0.4480
Android (android.graphics.Color)	4294637694 (0xFFFAF87E)
YUV	234.6900, -53.5842, 13.4269
Hunter-Lab	94.3214, -19.8112, 45.3659

Details

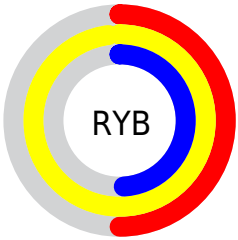
The Yxy color 88.9652, 0.3865, 0.4480 is a light color, and the websafe version is hex FFFF99. A complement of this color would be 26.7674, 0.2178, 0.1736, and the grayscale version is 83.2226, 0.3127, 0.3290.

A 20% lighter version of the original color is 96.1162, 0.3567, 0.4018, and 49.2435, 0.3983, 0.4726 is the 20% darker color. If you saturate the color by 10%, you get 88.1589, 0.3985, 0.4671, and if you desaturate by 10%, it is 89.9414, 0.3727, 0.4260.

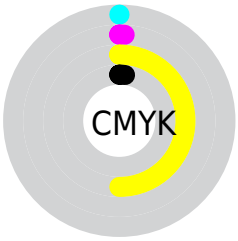
Distribution



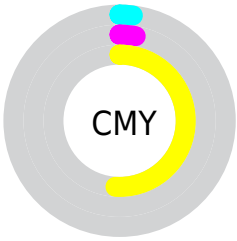
- Red (98%)
- Green (97%)
- Blue (49%)



- Red (50%)
- Yellow (98%)
- Blue (49%)



- Cyan (0%)
- Magenta (1%)
- Yellow (50%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.9652, 0.3865, 0.4480 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 88.9652, 0.3865, 0.4480 by changing the saturation by 10% instead.

88.9652, 0.3865, 0.4480

88.9652, 0.3865, 0.4480

524.6589, 0.3563, 0.3953

67.1227, 0.3922, 0.4590

145.9002, 0.3769, 0.4305

49.1844, 0.3986, 0.4721

181.7614, 0.3730, 0.4234

34.7657, 0.4056, 0.4875

223.0644, 0.3694, 0.4172

23.4825, 0.4129, 0.5059

270.1935, 0.3662, 0.4118

14.9502, 0.4196, 0.5274

323.5331, 0.3633, 0.4070

8.7844, 0.4282, 0.5579

383.4676, 0.3608,

4.6008, 0.4211,

0.4027

0.5789

450.3814, 0.3584, 0.3988

2.0150, 0.3994, 0.6006

0.6162, 0.2566, 0.7434

88.9652, 0.3865, 0.4480

88.9652, 0.3865, 0.4480

88.1589, 0.3985, 0.4671

89.9414, 0.3727, 0.4260

87.4980, 0.4083, 0.4824

91.0862, 0.3579, 0.4021

86.9726, 0.4154, 0.4934

92.4138, 0.3425, 0.3772

86.5660, 0.4199, 0.5001

93.9333, 0.3271, 0.3523

86.2521, 0.4221, 0.5029

86.2401, 0.4222, 0.5030

95.6534, 0.3121, 0.3280

96.1555, 0.3098, 0.3246

96.4027, 0.3098, 0.3249

96.6505, 0.3097, 0.3253

96.8988, 0.3097, 0.3257

Harmonies

Analogous

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

88.9652, 0.4332, 0.4135

88.9652, 0.3865, 0.4480

88.9652, 0.3228, 0.4478

Triad

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

88.9652, 0.3865, 0.4480

88.9652, 0.1945, 0.2705

88.9652, 0.3597, 0.2689

Complementary

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

88.9652, 0.3865, 0.4480

26.7674, 0.2178, 0.1736

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.

88.9652, 0.2906, 0.2374

88.9652, 0.3865, 0.4480

88.9652, 0.2017, 0.2347

Square

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

88.9652, 0.3865, 0.4480

88.9652, 0.2141, 0.3317

88.9652, 0.2346, 0.2247

88.9652, 0.4200, 0.3136

Rectangle

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

88.9652, 0.3865, 0.4480

88.9652, 0.2796, 0.4217

88.9652, 0.2346, 0.2247

88.9652, 0.3364, 0.2566

Sweetspot

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

88.9693, 0.3865, 0.4480

97.3902, 0.3354, 0.3658

36.8033, 0.4515, 0.3273

20.7751, 0.3386, 0.3710

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.

88.9693, 0.3865, 0.4480

92.2003, 0.3990, 0.4679

80.8196, 0.3437, 0.4692

20.1407, 0.3269, 0.3521

45.7747, 0.4221, 0.5030

4.2542, 0.4217, 0.5033

Inverse Universe

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

26.7674, 0.2178, 0.1736

20.0317, 0.1960, 0.1377

32.2533, 0.2621, 0.1881

16.6871, 0.2979, 0.3048

3.7261, 0.1503, 0.0610

0.3602, 0.1509, 0.0633

Previews

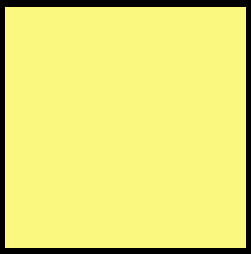
White Background

This preview shows how the Yxy color 88.9652, 0.3865, 0.4480 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



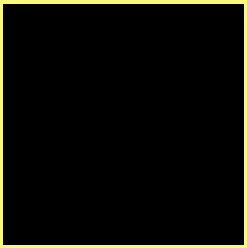
This preview shows how the Yxy color 88.9652, 0.3865, 0.4480 looks on a black background.

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 88.9652, 0.3865, 0.4480 Background



This preview shows how black text looks on a background with the Yxy color 88.9652, 0.3865, 0.4480.

This preview shows how white text looks on a background with the Yxy color 88.9652, 0.3865, 0.4480.

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
88.9652, 0.3865, 0.4480

Protanopia
88.6593, 0.3518, 0.3770

Deuteranopia
88.9620, 0.3328, 0.3448

Tritanopia
88.6057, 0.3179, 0.3184

Trichromacy

Original Color
88.9652, 0.3865, 0.4480

Protanomaly
88.4486, 0.3656, 0.4041

Deuteranomaly
88.6147, 0.3540, 0.3842

Tritanomaly
88.1529, 0.3441, 0.3661

Monochromacy

Original Color
88.9652, 0.3865, 0.4480

Achromatopsia
83.0770, 0.3127, 0.3290

Achromatomaly
84.7856, 0.3410, 0.3757

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9652, 0.3865, 0.4480 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(250, 248, 126) looks like.

```
.text, #text, p{
    color:rgb(250, 248, 126)
}
```

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(250, 248, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 248, 126) }
```

Border

The CSS property to change the border of an element to Yxy 88.9652, 0.3865, 0.4480 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(250, 248, 126) }
```

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

```
.border{ border-color:rgb(250, 248, 126) }
```

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

Here you see how a box with a 4 pixel rgb(250, 248, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 248, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 248, 126); box-shadow:4px 4px 4px 4px rgb(250, 248, 126) }
```

Background

The CSS property to change the background color of an element to Yxy 88.9652, 0.3865, 0.4480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(250, 248, 126) }
```

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

```
.background{ background-color:rgb(250,
248, 126) }
```

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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