

Converting Colors

$Yxy(82.6874, 0.4065, 0.4544)$

Have a look what the booklet for
Yxy(82.6874, 0.4065, 0.4544)
contains.

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Color

Yxy(82.8483, 0.4062, 0.4543)

Conversions

Conversions Part 1

Format	Color
Hex	FFED69
RGB	255, 237, 105
RGB Percent	100%, 93%, 41%
CMY	0.0000, 0.0706, 0.5884
CMYK	0.00, 0.07, 0.59, 0.00
HSL	53°, 100%, 71%
HSV	53°, 59%, 100%
XYZ	74.0766, 82.8483, 25.4399
YIQ	227.3340, 53.1000, -37.2360

Conversions

Conversions Part 2

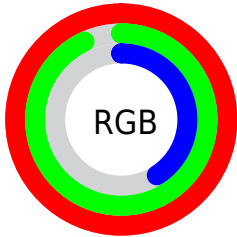
Format	Color
R _Y B	125, 255, 105
Decimal	16772457
CIE Lab	92.95, -9.47, 64.66
CIE LCh	93, 65.349, 98.332
Yxy	82.8483, 0.4062, 0.4543
Android (android.graphics.Color)	4294962537 (0xFFFFE69)
YUV	227.3340, -60.3107, 24.2631
Hunter-Lab	91.0210, -14.0164, 47.1435

Details

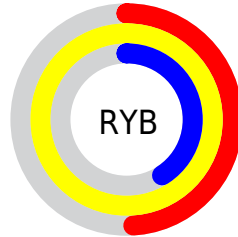
The Yxy color **82.8483, 0.4062, 0.4543** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **24.3761, 0.2023, 0.1593**, and the grayscale version is **77.4880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3181, 0.3689, 0.4219**, and **44.8716, 0.4214, 0.4777** is the 20% darker color. If you saturate the color by 10%, you get **80.6452, 0.4191, 0.4689**, and if you desaturate by 10%, it is **85.2406, 0.3913, 0.4362**.

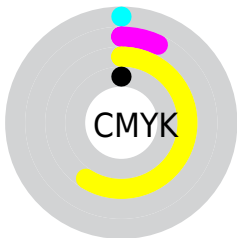
Distribution



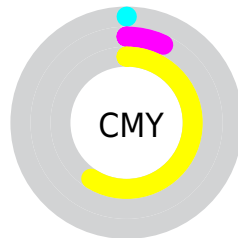
- Red (100%)
- Green (93%)
- Blue (41%)



- Red (49%)
- Yellow (100%)
- Blue (41%)



- Cyan (0%)
- Magenta (7%)
- Yellow (59%)
- Black (0%)





- Cyan (0%)
- Magenta (7%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.8483, 0.4062, 0.4543 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 82.8483, 0.4062, 0.4543 by changing the saturation by 10% instead.


 82.8483, 0.4062,
0.4543


 82.8483, 0.4062,
0.4543

504.4808, 0.3676,
0.3998


 62.0650, 0.4134,
0.4653


 137.3630, 0.3940,
0.4365


 45.0852, 0.4214,
0.4779


 171.8631, 0.3889,
0.4292

 31.5246, 0.4300,
0.4924


 211.7044, 0.3843,
0.4228

 20.9986, 0.4387,
0.5087

 257.2711, 0.3803,
0.4171

 13.1230, 0.4468,
0.5268

308.9478, 0.3766,
0.4121

 7.5133, 0.4530,
0.5470

367.1186, 0.3733,

 3.7851, 0.4440,

0.4076

0.5560

432.1682, 0.3703,
0.4035

■ 1.5541, 0.4286,
0.5714

■ 0.3264, 0.1949,
0.8051

■ 82.8483, 0.4062,
0.4543

■ 82.8483, 0.4062,
0.4543

■ 80.6452, 0.4191,
0.4689

■ 85.2406, 0.3913,
0.4362

■ 78.6139, 0.4295,
0.4793


■ 87.8322, 0.3753,
0.4156


■ 76.7378, 0.4372,
0.4851

■ 90.6356, 0.3587,
0.3934

■ 74.9918, 0.4421,
0.4867

■ 93.6615, 0.3422,
0.3707

 74.7938, 0.4426,
0.4868

 96.9195, 0.3262,
0.3483

100.0000, 0.3127,
0.3290

Harmonies

Analogous

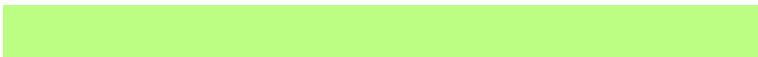
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8483, 0.4523, 0.4095



82.8483, 0.4062, 0.4543



82.8483, 0.3382, 0.4665

Triad

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



82.8483, 0.4062, 0.4543



82.8483, 0.1852, 0.2756



82.8483, 0.3480, 0.2542

Complementary

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



82.8483, 0.4062, 0.4543



24.3761, 0.2023, 0.1593

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.



82.8483, 0.2729, 0.2240



82.8483, 0.4062, 0.4543



82.8483, 0.1872, 0.2307

Square

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



82.8483, 0.4062, 0.4543



82.8483, 0.2122, 0.3483



82.8483, 0.2168, 0.2149



82.8483, 0.4201, 0.3001

Rectangle

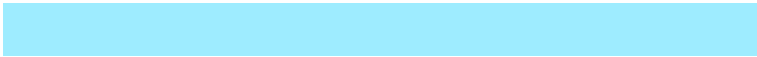
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.8483, 0.4062, 0.4543



82.8483, 0.2900, 0.4453



82.8483, 0.2168, 0.2149



82.8483, 0.3219, 0.2421

Sweetspot

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



82.8493, 0.4062, 0.4543



93.9258, 0.3408, 0.3688



32.8348, 0.4720, 0.3100



19.9093, 0.3456, 0.3754



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

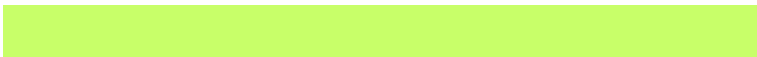
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8493, 0.4062, 0.4543



80.1922, 0.4216, 0.4716



84.8164, 0.3583, 0.4892



20.6968, 0.3272, 0.3497



39.2287, 0.4422, 0.4871



3.9200, 0.4392, 0.4895

Inverse Universe

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



24.3761, 0.2023, 0.1593



16.9789, 0.1806, 0.1225



24.7860, 0.2352, 0.1551



17.7286, 0.2979, 0.3074



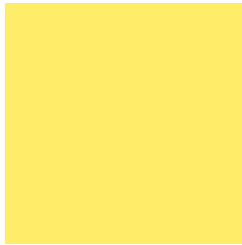
4.3830, 0.1524, 0.0686



0.5333, 0.1565, 0.0834

Previews

White Background



This preview shows how the Yxy color 82.8483, 0.4062, 0.4543 looks on a white background.

Color Contrast Check

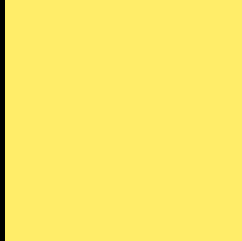
Large Text (above 18pt) WCAG AA × Fail

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 82.8483, 0.4062, 0.4543 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 82.8483, 0.4062, 0.4543

Background



This preview shows how black text looks on a background with the Yxy color 82.8483, 0.4062, 0.4543.



This preview shows how white text looks on a background with the Yxy color 82.8483, 0.4062, 0.4543.

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

82.8483, 0.4062, 0.4543

Protanopia

82.7832, 0.3838, 0.4169

Deuteranopia

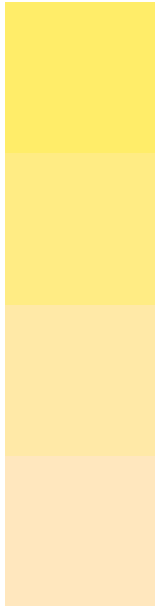
82.7236, 0.3481, 0.3573



Tritanopia

82.9199, 0.3250, 0.3192

Trichromacy



Original Color

82.8483, 0.4062, 0.4543

Protanomaly

82.9168, 0.3923, 0.4315

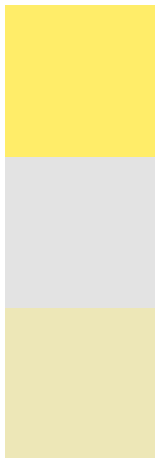
Deuteranomaly

82.3278, 0.3718, 0.3957

Tritanomaly

82.1295, 0.3569, 0.3706

Monochromacy



Original Color

82.8483, 0.4062, 0.4543

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

78.5753, 0.3484, 0.3800

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.8483, 0.4062, 0.4543 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, 237, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 105)  
}
```

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, 237, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 105) }
```

Border

The CSS property to change the border of an element to Yxy 82.8483, 0.4062, 0.4543 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, 237, 105) }
```

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

```
.border{ border-color:rgb(255, 237, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 82.8483, 0.4062, 0.4543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 105) }
```

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

```
.background{ background-color: rgb(255,  
237, 105) }
```

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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