

Converting Colors

$Yxy(82.8021, 0.4034, 0.4495)$

Have a look what the booklet for
Yxy(82.8021, 0.4034, 0.4495)
contains.

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Color

Yxy(82.9761, 0.4032, 0.4497)

Conversions

Conversions Part 1

Format	Color
Hex	FFED6F
RGB	255, 237, 111
RGB Percent	100%, 93%, 44%
CMY	0.0000, 0.0706, 0.5646
CMYK	0.00, 0.07, 0.56, 0.00
HSL	52°, 100%, 72%
HSV	52°, 56%, 100%
XYZ	74.3962, 82.9761, 27.1421
YIQ	228.0180, 51.1740, -35.3700

Conversions

Conversions Part 2

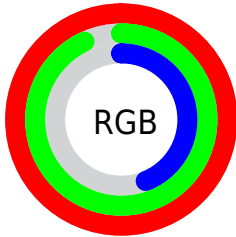
Format	Color
RYB	132, 255, 111
Decimal	16772463
CIELab	93.00, -9.05, 62.07
CIELCh	93, 62.724, 98.296
Yxy	82.9761, 0.4032, 0.4497
Android (android.graphics.Color)	4294962543 (0xFFFFE66F)
YUV	228.0180, -57.6899, 23.6632
Hunter-Lab	91.0912, -13.6248, 46.0975

Details

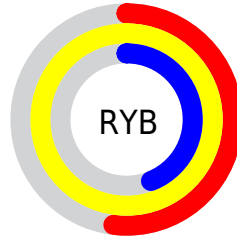
The Yxy color **82.9761, 0.4032, 0.4497** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **26.3095, 0.2071, 0.1678**, and the grayscale version is **78.0028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5332, 0.3655, 0.4162**, and **45.0690, 0.4193, 0.4724** is the 20% darker color. If you saturate the color by 10%, you get **80.6655, 0.4168, 0.4652**, and if you desaturate by 10%, it is **85.4857, 0.3879, 0.4310**.

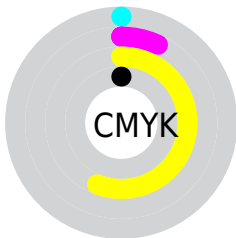
Distribution



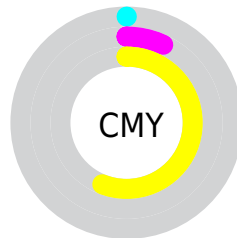
- Red (100%)
- Green (93%)
- Blue (44%)



- Red (52%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (7%)
- Yellow (56%)
- Black (0%)





- Cyan (0%)
- Magenta (7%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.9761, 0.4032, 0.4497 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 82.9761, 0.4032, 0.4497 by changing the saturation by 10% instead.


 82.9761, 0.4032,
0.4497


 82.9761, 0.4032,
0.4497


504.9069, 0.3655,
0.3970


 62.1704, 0.4104,
0.4604


 137.5420, 0.3912,
0.4324

 45.1704, 0.4184,
0.4729


 172.0710, 0.3862,
0.4253

 31.5917, 0.4272,
0.4873


 211.9432, 0.3818,
0.4191

 21.0498, 0.4363,
0.5037

257.5431, 0.3778,
0.4137

 13.1604, 0.4448,
0.5217

309.2550, 0.3742,
0.4088

 7.5391, 0.4546,
0.5454


367.4634, 0.3710,


 3.8015, 0.4460,


0.4044


0.5540


432.5525, 0.3681,
0.4005

 1.5631, 0.4314,
0.5686


 0.3326, 0.2225,
0.7775


 82.9761, 0.4032,
0.4497


 82.9761, 0.4032,
0.4497


 80.6655, 0.4168,
0.4652

 85.4857, 0.3879,
0.4310


 78.5309, 0.4280,
0.4766


 88.1980, 0.3715,
0.4100


 76.5585, 0.4365,
0.4834

 91.1274, 0.3548,
0.3877

 74.7277, 0.4421,
0.4858

 94.2842, 0.3383,
0.3651

 74.1021, 0.4437,
0.4859

 97.6780, 0.3225,
0.3429

100.0000, 0.3127,
0.3290

Harmonies

Analogous

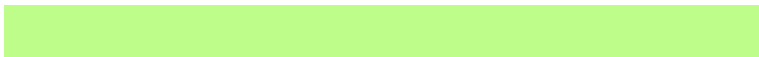
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9761, 0.4472, 0.4072



82.9761, 0.4032, 0.4497



82.9761, 0.3378, 0.4605

Triad

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



82.9761, 0.4032, 0.4497



82.9761, 0.1896, 0.2781



82.9761, 0.3467, 0.2568

Complementary

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



82.9761, 0.4032, 0.4497



26.3095, 0.2071, 0.1678

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.



82.9761, 0.2745, 0.2276



82.9761, 0.4032, 0.4497



82.9761, 0.1915, 0.2345

Square

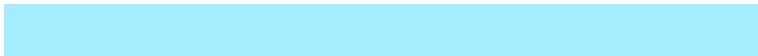
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9761, 0.4032, 0.4497



82.9761, 0.2161, 0.3478



82.9761, 0.2203, 0.2188



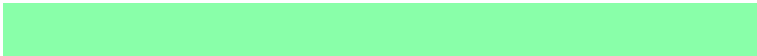
82.9761, 0.4156, 0.3014

Rectangle

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



82.9761, 0.4032, 0.4497



82.9761, 0.2913, 0.4400



82.9761, 0.2203, 0.2188



82.9761, 0.3216, 0.2451

Sweetspot

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



82.9791, 0.4032, 0.4497



94.1071, 0.3392, 0.3664



34.2537, 0.4619, 0.3104



20.0036, 0.3425, 0.3709



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

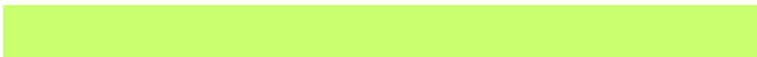
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9791, 0.4032, 0.4497



80.3251, 0.4187, 0.4672



85.2545, 0.3572, 0.4831



20.6803, 0.3272, 0.3496



38.8723, 0.4432, 0.4863



3.8888, 0.4401, 0.4888

Inverse Universe

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



26.3095, 0.2071, 0.1678



18.7513, 0.1858, 0.1321



26.4693, 0.2391, 0.1622



17.7435, 0.2979, 0.3075



4.4220, 0.1526, 0.0691



0.5403, 0.1568, 0.0843

Previews

White Background



This preview shows how the Yxy color 82.9761, 0.4032, 0.4497 looks on a white background.

Color Contrast Check

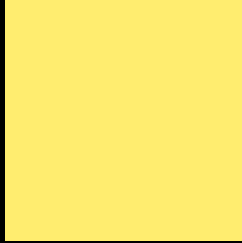
Large Text (above 18pt) WCAG AA × Fail

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 82.9761, 0.4032, 0.4497 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 82.9761, 0.4032, 0.4497

Background



This preview shows how black text looks on a background with the Yxy color 82.9761, 0.4032, 0.4497.

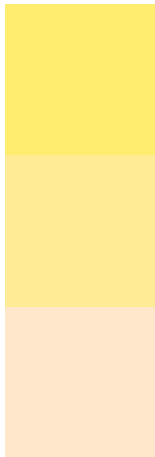


This preview shows how white text looks on a background with the Yxy color 82.9761, 0.4032, 0.4497.

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

82.9761, 0.4032, 0.4497

Protanopia

82.8466, 0.3826, 0.4150

Deuteranopia

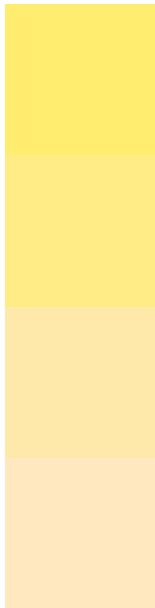
82.7715, 0.3474, 0.3563



Tritanopia

82.9199, 0.3250, 0.3192

Trichromacy



Original Color

82.9761, 0.4032, 0.4497

Protanomaly

83.0002, 0.3906, 0.4288

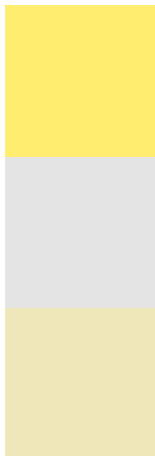
Deuteranomaly

82.4401, 0.3698, 0.3927

Tritanomaly

82.2176, 0.3556, 0.3685

Monochromacy



Original Color

82.9761, 0.4032, 0.4497

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

78.8318, 0.3478, 0.3777

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9761, 0.4032, 0.4497 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 111)  
}
```

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, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 111) }
```

Border

The CSS property to change the border of an element to Yxy 82.9761, 0.4032, 0.4497 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, 111) }
```

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

```
.border{ border-color:rgb(255, 237, 111) }
```

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, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9761, 0.4032, 0.4497 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, 111) }
```

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

```
.background{ background-color: rgb(255,  
237, 111) }
```

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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