

Converting Colors

$Yxy(82.3703, 0.4061, 0.4645)$

Have a look what the booklet for
Yxy(82.3703, 0.4061, 0.4645)
contains.

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Color

Yxy(82.2993, 0.4065, 0.4642)

Conversions

Conversions Part 1

Format	Color
Hex	FAEE5F
RGB	250, 238, 95
RGB Percent	98%, 93%, 37%
CMY	0.0196, 0.0667, 0.6273
CMYK	0.00, 0.05, 0.62, 0.02
HSL	55°, 94%, 68%
HSV	55°, 62%, 98%
XYZ	72.0695, 82.2993, 22.9240
YIQ	225.2860, 53.0550, -41.9290

Conversions

Conversions Part 2

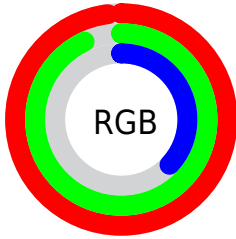
Format	Color
RYB	108, 250, 95
Decimal	16445023
CIELab	92.71, -12.62, 68.45
CIELCh	93, 69.600, 100.450
Yxy	82.2993, 0.4065, 0.4642
Android (android.graphics.Color)	4294635103 (0xFFFAEE5F)
YUV	225.2860, -64.2310, 21.6742
Hunter-Lab	90.7190, -16.9531, 48.5212

Details

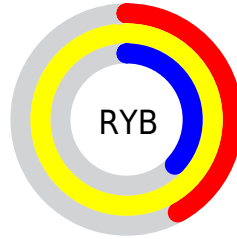
The Yxy color **82.2993, 0.4065, 0.4642** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **19.8663, 0.1947, 0.1419**, and the grayscale version is **75.9611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0144, 0.3739, 0.4302**, and **44.5244, 0.4207, 0.4895** is the 20% darker color. If you saturate the color by 10%, you get **80.7965, 0.4174, 0.4780**, and if you desaturate by 10%, it is **83.9678, 0.3934, 0.4466**.

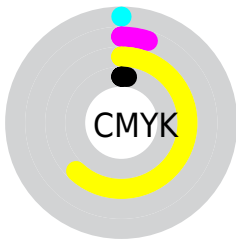
Distribution



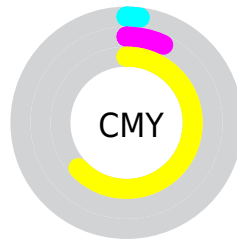
- Red (98%)
- Green (93%)
- Blue (37%)



- Red (42%)
- Yellow (98%)
- Blue (37%)



- Cyan (0%)
- Magenta (5%)
- Yellow (62%)
- Black (2%)




- Cyan (2%)
- Magenta (7%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.2993, 0.4065, 0.4642 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 82.2993, 0.4065, 0.4642 by changing the saturation by 10% instead.


 82.2993, 0.4065,
0.4642

 82.2993, 0.4065,
0.4642


502.6483, 0.3685,
0.4054

 61.6123, 0.4133,
0.4760

 136.5936, 0.3947,
0.4450


 44.7195, 0.4207,
0.4895


 170.9697, 0.3897,
0.4372

 31.2365, 0.4282,
0.5048


 210.6777, 0.3852,
0.4302

 20.7790, 0.4353,
0.5219

 256.1018, 0.3812,
0.4241

 12.9626, 0.4423,
0.5425

307.6265, 0.3775,
0.4186

 7.4028, 0.4411,
0.5589

365.6363, 0.3742,

 3.7152, 0.4288,

0.4137

0.5712

430.5154, 0.3712,
0.4093

■ 1.5156, 0.4077,
0.5923

■ 0.2997, 0.0000,
1.0000

■ 82.2993, 0.4065,
0.4642

■ 82.2993, 0.4065,
0.4642

■ 80.7965, 0.4174,
0.4780

■ 83.9678, 0.3934,
0.4466

■ 79.4332, 0.4256,
0.4874

■ 85.8032, 0.3786,
0.4260

■ 78.1959, 0.4311,
0.4924


■ 87.8205, 0.3629,
0.4035


■ 77.2734, 0.4338,
0.4937

■ 90.0299, 0.3468,
0.3800

 92.4411, 0.3309,
0.3565

 95.0627, 0.3157,
0.3334

 96.8948, 0.3098,
0.3257

 98.1154, 0.3097,
0.3276

 99.0663, 0.3096,
0.3290

Harmonies

Analogous

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



82.2993, 0.4584, 0.4169



82.2993, 0.4065, 0.4642



82.2993, 0.3334, 0.4754

Triad

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



82.2993, 0.4065, 0.4642



82.2993, 0.1771, 0.2671



82.2993, 0.3560, 0.2528

Complementary

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



82.2993, 0.4065, 0.4642



19.8663, 0.1947, 0.1419

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.



82.2993, 0.2753, 0.2198



82.2993, 0.4065, 0.4642



82.2993, 0.1815, 0.2225

Square

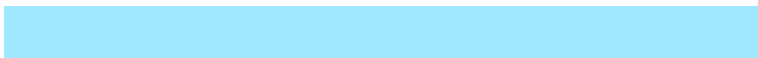
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.2993, 0.4065, 0.4642



82.2993, 0.2030, 0.3430



82.2993, 0.2145, 0.2083



82.2993, 0.4317, 0.3017

Rectangle

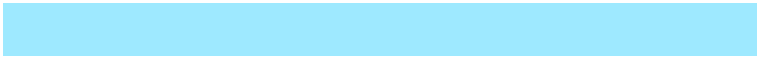
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.2993, 0.4065, 0.4642



82.2993, 0.2826, 0.4502



82.2993, 0.2145, 0.2083



82.2993, 0.3280, 0.2397

Sweetspot

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



82.3031, 0.4065, 0.4642



94.8903, 0.3421, 0.3730



29.6014, 0.4956, 0.3173



20.1604, 0.3467, 0.3798



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.



82.3031, 0.4065, 0.4642



84.1975, 0.4193, 0.4804



79.5756, 0.3542, 0.4999



19.9469, 0.3271, 0.3507



41.0812, 0.4336, 0.4939



3.8713, 0.4317, 0.4954

Inverse Universe

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



19.8663, 0.1947, 0.1419



14.2626, 0.1740, 0.1067



22.5303, 0.2366, 0.1490



16.8590, 0.2979, 0.3064



3.9923, 0.1514, 0.0648



0.4421, 0.1544, 0.0759

Previews

White Background



This preview shows how the Yxy color 82.2993, 0.4065, 0.4642 looks on a white background.

Color Contrast Check

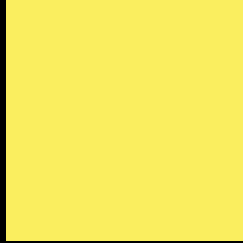
Large Text (above 18pt) WCAG AA × Fail

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 82.2993, 0.4065, 0.4642 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 82.2993, 0.4065, 0.4642

Background



This preview shows how black text looks on a background with the Yxy color 82.2993, 0.4065, 0.4642.



This preview shows how white text looks on a background with the Yxy color 82.2993, 0.4065, 0.4642.

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

82.2993, 0.4065, 0.4642

Protanopia

82.0287, 0.3879, 0.4216

Deuteranopia

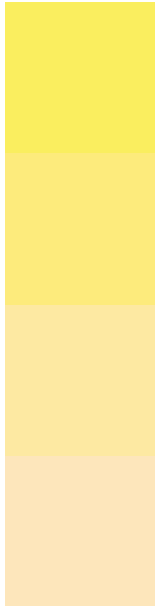
82.0238, 0.3503, 0.3594



Tritanopia

81.8847, 0.3245, 0.3162

Trichromacy



Original Color

82.2993, 0.4065, 0.4642

Protanomaly

81.7545, 0.3959, 0.4382

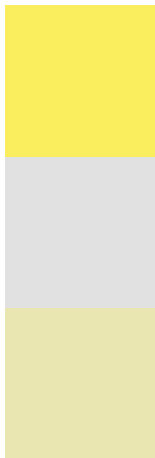
Deuteranomaly

81.7691, 0.3736, 0.4010

Tritanomaly

81.0641, 0.3577, 0.3729

Monochromacy



Original Color

82.2993, 0.4065, 0.4642

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

77.3004, 0.3497, 0.3848

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2993, 0.4065, 0.4642 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, 238, 95)` looks like.

```
.text, #text, p{  
    color:rgb(250, 238, 95)  
}
```

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, 238, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 238, 95) }
```

Border

The CSS property to change the border of an element to Yxy 82.2993, 0.4065, 0.4642 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, 238, 95) }
```

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

```
.border{ border-color:rgb(250, 238, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 238, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 238, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 238, 95);  
box-shadow:4px 4px 4px 4px rgb(250, 238,  
95) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 82.2993, 0.4065, 0.4642$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 238, 95) }
```

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

```
.background{ background-color: rgb(250,  
238, 95) }
```

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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