

Converting Colors

$Yxy(85.9982, 0.3762, 0.4224)$

Have a look what the booklet for
Yxy(85.9982, 0.3762, 0.4224)
contains.

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Color

Yxy(85.9982, 0.3762, 0.4224)

Conversions

Conversions Part 1

Format	Color
Hex	FAF295
RGB	250, 242, 149
RGB Percent	98%, 95%, 58%
CMY	0.0198, 0.0509, 0.4156
CMYK	0.00, 0.03, 0.40, 0.02
HSL	55°, 91%, 78%
HSV	55°, 40%, 98%
XYZ	76.5921, 85.9982, 41.0039
YIQ	233.7900, 34.6210, -27.2270

Conversions

Conversions Part 2

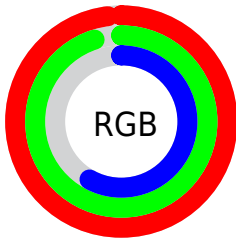
Format	Color
R_{YB}	158, 250, 149
Decimal	16446101
CIE _{Lab}	94.31, -10.20, 45.76
CIE _{LCh}	94, 46.886, 102.561
Yxy	85.9982, 0.3762, 0.4224
Android (android.graphics.Color)	4294636181 (0xFFFAF295)
YUV	233.7900, -41.8015, 14.2162
Hunter-Lab	92.7352, -14.8594, 38.6989

Details

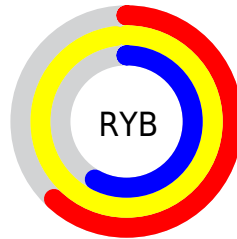
The Yxy color **85.9982, 0.3762, 0.4224** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **37.3931, 0.2389, 0.2143**, and the grayscale version is **82.4148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **47.1688, 0.3886, 0.4426** is the 20% darker color. If you saturate the color by 10%, you get **84.1226, 0.3912, 0.4433**, and if you desaturate by 10%, it is **88.0656, 0.3604, 0.3997**.

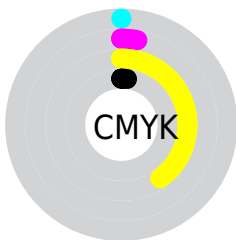
Distribution



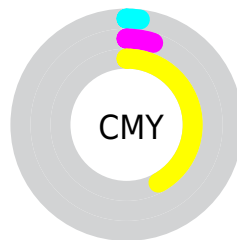
- Red (98%)
- Green (95%)
- Blue (58%)



- Red (62%)
- Yellow (98%)
- Blue (58%)



- Cyan (0%)
- Magenta (3%)
- Yellow (40%)
- Black (2%)




- Cyan (2%)
- Magenta (5%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.9982, 0.3762, 0.4224 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 85.9982, 0.3762, 0.4224 by changing the saturation by 10% instead.


 85.9982, 0.3762,
0.4224


 85.9982, 0.3762,
0.4224


514.9253, 0.3490,
0.3805

 64.6665, 0.3817,
0.4314


 141.7670, 0.3673,
0.4083

 47.1907, 0.3882,
0.4423

 176.9728, 0.3637,
0.4026

 33.1864, 0.3957,
0.4554


217.5722, 0.3605,
0.3977

 22.2693, 0.4045,
0.4716

263.9494, 0.3577,
0.3935

 14.0549, 0.4144,
0.4916

316.4890, 0.3551,
0.3897

 8.1589, 0.4246,
0.5162

375.5752, 0.3529,

 4.1968, 0.4422,

0.3863

0.5578

441.5925, 0.3508,
0.3832

■ 1.7842, 0.4269,
0.5731

■ 0.4773, 0.3002,
0.6998

■ 85.9982, 0.3762,
0.4224

■ 85.9982, 0.3762,
0.4224

■ 84.1226, 0.3912,
0.4433

■ 88.0656, 0.3604,
0.3997

■ 82.4159, 0.4046,
0.4615


■ 90.3231, 0.3443,
0.3762

■ 80.8696, 0.4160,
0.4759

■ 92.7840, 0.3285,
0.3527


■ 79.4695, 0.4247,
0.4861


■ 95.4570, 0.3133,
0.3299

 78.1988, 0.4306,
0.4917

 97.0653, 0.3097,
0.3260

 77.0722, 0.4341,
0.4935

 98.3063, 0.3096,
0.3279

 99.0568, 0.3096,
0.3290

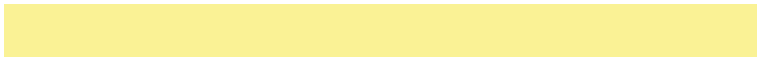
Harmonies

Analogous

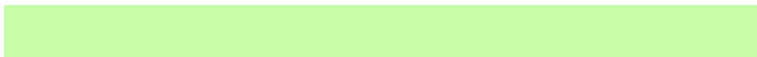
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9982, 0.4109, 0.3961



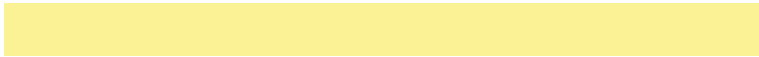
85.9982, 0.3762, 0.4224



85.9982, 0.3261, 0.4220

Triad

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



85.9982, 0.3762, 0.4224



85.9982, 0.2174, 0.2867



85.9982, 0.3464, 0.2783

Complementary

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



85.9982, 0.3762, 0.4224



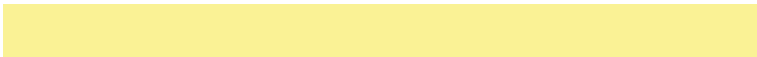
37.3931, 0.2389, 0.2143

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.



85.9982, 0.2921, 0.2532



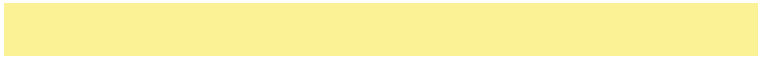
85.9982, 0.3762, 0.4224



85.9982, 0.2216, 0.2551

Square

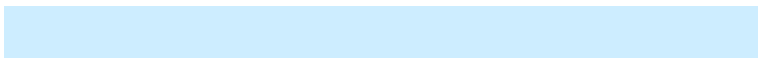
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.9982, 0.3762, 0.4224



85.9982, 0.2358, 0.3361



85.9982, 0.2475, 0.2444



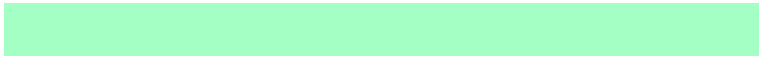
85.9982, 0.3944, 0.3150

Rectangle

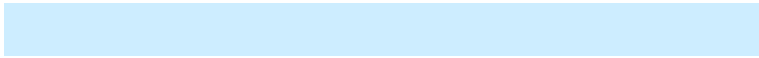
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.9982, 0.3762, 0.4224



85.9982, 0.2911, 0.4032



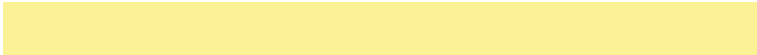
85.9982, 0.2475, 0.2444



85.9982, 0.3281, 0.2684

Sweetspot

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



86.0021, 0.3762, 0.4224



96.6567, 0.3310, 0.3565



44.2675, 0.4072, 0.3203



20.6148, 0.3331, 0.3595



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.



86.0021, 0.3762, 0.4224



88.4699, 0.3878, 0.4387



83.9134, 0.3440, 0.4401



19.9432, 0.3271, 0.3506



40.9947, 0.4338, 0.4937



3.8642, 0.4319, 0.4953

Inverse Universe

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



37.3931, 0.2389, 0.2143



31.5893, 0.2228, 0.1884



39.4879, 0.2684, 0.2141



16.8624, 0.2979, 0.3064



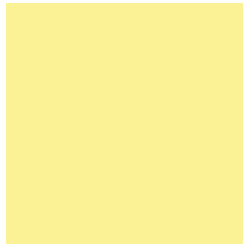
3.9985, 0.1514, 0.0649



0.4436, 0.1545, 0.0762

Previews

White Background



This preview shows how the Yxy color 85.9982, 0.3762, 0.4224 looks on a white background.

Color Contrast Check

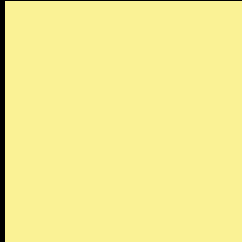
Large Text (above 18pt) WCAG AA × Fail

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 85.9982, 0.3762, 0.4224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

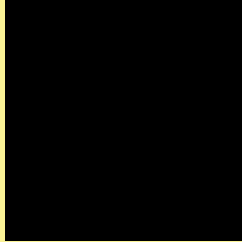
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.9982, 0.3762, 0.4224

Background



This preview shows how black text looks on a background with the Yxy color 85.9982, 0.3762, 0.4224.

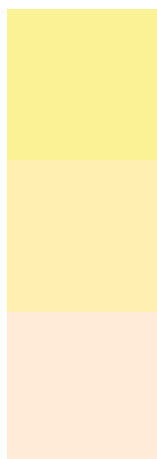


This preview shows how white text looks on a background with the Yxy color 85.9982, 0.3762, 0.4224.

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

85.9982, 0.3762, 0.4224

Protanopia

86.1276, 0.3641, 0.3923

Deuteranopia

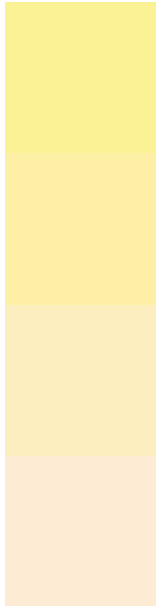
85.6345, 0.3387, 0.3480



Tritanopia

85.6270, 0.3194, 0.3154

Trichromacy



Original Color

85.9982, 0.3762, 0.4224

Protanomaly

85.9560, 0.3687, 0.4035

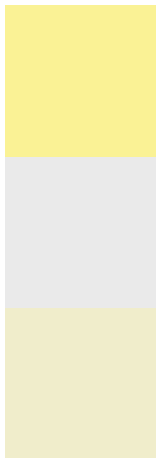
Deuteranomaly

85.8375, 0.3525, 0.3755

Tritanomaly

85.5767, 0.3404, 0.3541

Monochromacy



Original Color

85.9982, 0.3762, 0.4224

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

83.4054, 0.3363, 0.3643

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.9982, 0.3762, 0.4224 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, 242, 149)` looks like.

```
.text, #text, p{  
    color:rgb(250, 242, 149)  
}
```

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, 242, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 242, 149) }
```

Border

The CSS property to change the border of an element to Yxy 85.9982, 0.3762, 0.4224 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, 242, 149) }
```

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

```
.border{ border-color:rgb(250, 242, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 242, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 242, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 242, 149);  
box-shadow:4px 4px 4px 4px rgb(250, 242,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 85.9982, 0.3762, 0.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 242, 149) }
```

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

```
.background{ background-color: rgb(250,  
242, 149) }
```

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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