

Converting Colors

$Y_{xy}(85.5777, 0.3563, 0.3778)$

Have a look what the booklet for
Yxy(85.5777, 0.3563, 0.3778)
contains.

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Color

Yxy(85.5025, 0.3562, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDBD
RGB	255, 237, 189
RGB Percent	100%, 93%, 74%
CMY	0.0000, 0.0706, 0.2588
CMYK	0.00, 0.07, 0.26, 0.00
HSL	44°, 100%, 87%
HSV	44°, 26%, 100%
XYZ	80.7209, 85.5025, 60.3934
YIQ	236.9100, 26.1360, -11.1120

Conversions

Conversions Part 2

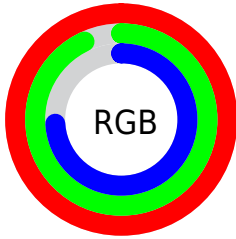
Format	Color
R_{YB}	214, 255, 189
Decimal	16772541
CIE Lab	94.10, -1.07, 25.50
CIE LCh	94, 25.523, 92.395
Yxy	85.5025, 0.3562, 0.3773
Android (android.graphics.Color)	4294962621 (0xFFFFE _{BD})
YUV	236.9100, -23.6196, 15.8649
Hunter-Lab	92.4676, -5.9941, 26.0032

Details

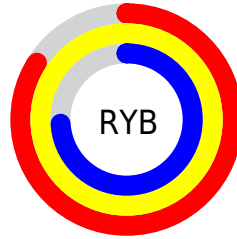
The Yxy color **85.5025, 0.3562, 0.3773** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.6693, 0.2697, 0.2755**, and the grayscale version is **84.7812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **46.8028, 0.3663, 0.3880** is the 20% darker color. If you saturate the color by 10%, you get **80.5356, 0.3751, 0.3964**, and if you desaturate by 10%, it is **90.8122, 0.3383, 0.3582**.

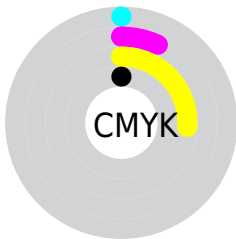
Distribution



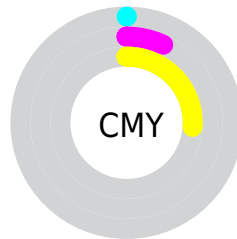
- Red (100%)
- Green (93%)
- Blue (74%)



- Red (84%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (7%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.5025, 0.3562, 0.3773 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 85.5025, 0.3562, 0.3773 by changing the saturation by 10% instead.

 85.5025, 0.3562,
0.3773

 85.5025, 0.3562,
0.3773


513.2893, 0.3368,
0.3557

 64.2567, 0.3604,
0.3821


 141.0750, 0.3496,
0.3699

 46.8586, 0.3656,
0.3878


176.1705, 0.3470,
0.3670

 32.9239, 0.3719,
0.3950


216.6513, 0.3447,
0.3645

 22.0681, 0.3799,
0.4040

262.9019, 0.3428,
0.3623

 13.9070, 0.3903,
0.4157

315.3066, 0.3410,
0.3603

 8.0560, 0.4041,
0.4315

374.2498, 0.3394,

 4.1308, 0.4228,

0.3586

0.4532

440.1159, 0.3380,
0.3571

■ 1.7470, 0.4811,
0.5189

■ 0.4538, 0.4718,
0.5282

■ 85.5025, 0.3562,
0.3773

■ 85.5025, 0.3562,
0.3773

■ 80.5356, 0.3751,
0.3964

■ 90.8122, 0.3383,
0.3582

■ 75.9119, 0.3946,
0.4147

■ 96.4882, 0.3218,
0.3395

■ 71.6143, 0.4142,
0.4312

100.0000, 0.3127,
0.3290

■ 67.6288, 0.4328,
0.4448

■ 63.9396, 0.4496,
0.4544

■ 60.5285, 0.4638,
0.4593

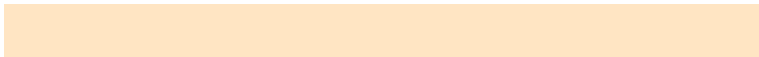
■ 57.3734, 0.4749,
0.4591

■ 56.1357, 0.4788,
0.4580

Harmonies

Analogous

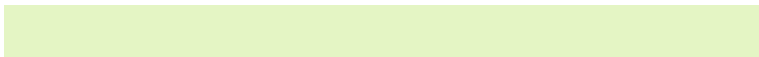
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.5025, 0.3698, 0.3613



85.5025, 0.3562, 0.3773



85.5025, 0.3312, 0.3804

Triad

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



85.5025, 0.3562, 0.3773



85.5025, 0.2610, 0.3156



85.5025, 0.3216, 0.2943

Complementary

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



85.5025, 0.3562, 0.3773



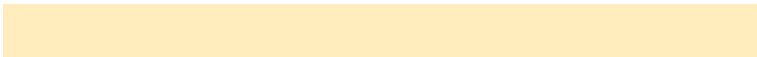
62.6693, 0.2697, 0.2755

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.



85.5025, 0.2925, 0.2826



85.5025, 0.3562, 0.3773



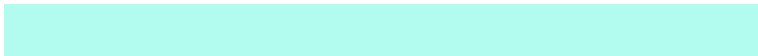
85.5025, 0.2586, 0.2935

Square

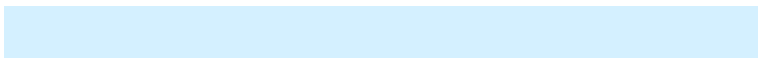
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.5025, 0.3562, 0.3773



85.5025, 0.2765, 0.3433



85.5025, 0.2698, 0.2820



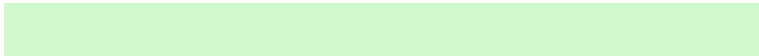
85.5025, 0.3494, 0.3142

Rectangle

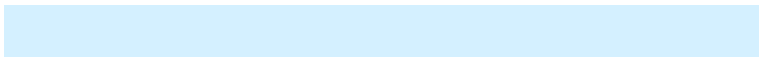
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.5025, 0.3562, 0.3773



85.5025, 0.3117, 0.3737



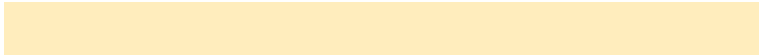
85.5025, 0.2698, 0.2820



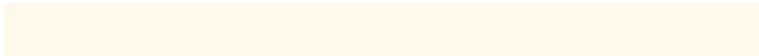
85.5025, 0.3116, 0.2893

Sweetspot

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



85.4984, 0.3562, 0.3773



95.2550, 0.3252, 0.3434



62.1955, 0.3526, 0.3098



20.2032, 0.3276, 0.3462



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

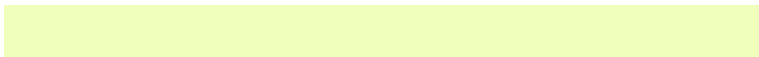
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4984, 0.3562, 0.3773



82.9151, 0.3657, 0.3871



93.8423, 0.3424, 0.3961



20.2032, 0.3276, 0.3462



29.5938, 0.4776, 0.4590



3.0635, 0.4694, 0.4655

Inverse Universe

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



62.6693, 0.2697, 0.2755



56.6127, 0.2603, 0.2630



56.3550, 0.2776, 0.2566



18.1841, 0.2979, 0.3112



6.2449, 0.1592, 0.0932



0.7805, 0.1652, 0.1146

Previews

White Background



This preview shows how the Yxy color 85.5025, 0.3562, 0.3773 looks on a white background.

Color Contrast Check

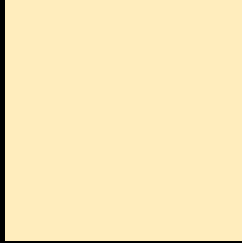
Large Text (above 18pt) WCAG AA × Fail

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 85.5025, 0.3562, 0.3773 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 85.5025, 0.3562, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 85.5025, 0.3562, 0.3773.



This preview shows how white text looks on a background with the Yxy color 85.5025, 0.3562, 0.3773.

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

85.5025, 0.3562, 0.3773

Protanopia

85.7058, 0.3545, 0.3785

Deuteranopia

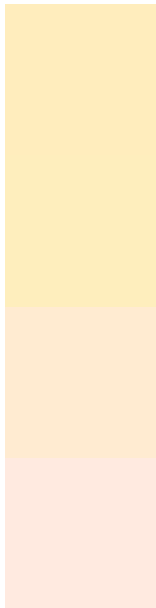
85.2729, 0.3362, 0.3430



Tritanopia

85.5049, 0.3207, 0.3173

Trichromacy



Original Color

85.5025, 0.3562, 0.3773

Protanomaly

85.8940, 0.3552, 0.3784

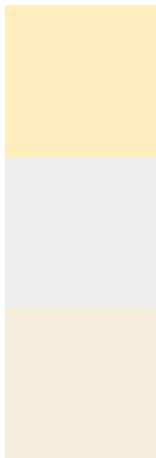
Deuteranomaly

85.2801, 0.3433, 0.3551

Tritanomaly

85.4875, 0.3335, 0.3390

Monochromacy



Original Color

85.5025, 0.3562, 0.3773

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.9688, 0.3282, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.5025, 0.3562, 0.3773 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 189) }
```

Border

The CSS property to change the border of an element to Yxy 85.5025, 0.3562, 0.3773 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, 189) }
```

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

```
.border{ border-color:rgb(255, 237, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 85.5025, 0.3562, 0.3773 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
237, 189) }
```

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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