

Converting Colors

$Yxy(99.2303, 0.3980, 0.3680)$

Have a look what the booklet for
Yxy(99.2303, 0.3980, 0.3680)
contains.

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Color

Yxy(85.6341, 0.3542, 0.3743)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDC0
RGB	255, 237, 192
RGB Percent	100%, 93%, 75%
CMY	0.0000, 0.0706, 0.2471
CMYK	0.00, 0.07, 0.25, 0.00
HSL	43°, 100%, 88%
HSV	43°, 25%, 100%
XYZ	81.0355, 85.6341, 62.1150
YIQ	237.2520, 25.1730, -10.1790

Conversions

Conversions Part 2

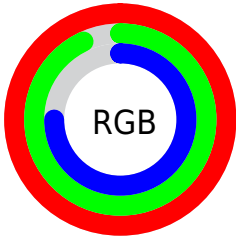
Format	Color
R _Y B	217, 255, 192
Decimal	16772544
CIE Lab	94.16, -0.70, 24.05
CIE LCh	94, 24.061, 91.656
Yxy	85.6341, 0.3542, 0.3743
Android (android.graphics.Color)	4294962624 (0xFFFFEDC0)
YUV	237.2520, -22.3092, 15.5650
Hunter-Lab	92.5387, -5.6314, 24.9797

Details

The Yxy color **85.6341, 0.3542, 0.3743** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.5010, 0.2719, 0.2791**, and the grayscale version is **85.0540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **46.8885, 0.3638, 0.3842** is the 20% darker color. If you saturate the color by 10%, you get **80.4741, 0.3732, 0.3932**, and if you desaturate by 10%, it is **91.1688, 0.3364, 0.3555**.

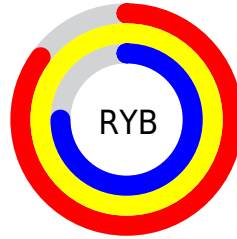
Distribution



Red (100%)

Green (93%)

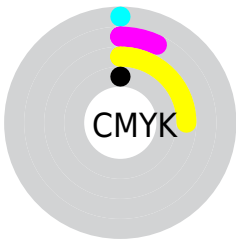
Blue (75%)



Red (85%)

Yellow (100%)

Blue (75%)

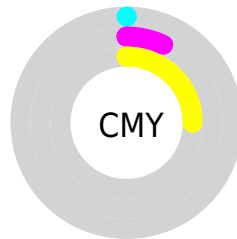


Cyan (0%)

Magenta (7%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.6341, 0.3542, 0.3743 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 85.6341, 0.3542, 0.3743 by changing the saturation by 10% instead.

 85.6341, 0.3542,
0.3743

 85.6341, 0.3542,
0.3743


513.7239, 0.3357,
0.3540

 64.3654, 0.3583,
0.3788


 141.2588, 0.3479,
0.3674

 46.9467, 0.3632,
0.3842


176.3836, 0.3454,
0.3647

 32.9935, 0.3693,
0.3909


216.8959, 0.3433,
0.3623

 22.1215, 0.3770,
0.3994

263.1801, 0.3414,
0.3602

 13.9462, 0.3870,
0.4105

315.6206, 0.3397,
0.3584

 8.0833, 0.4004,
0.4254

374.6019, 0.3382,

 4.1483, 0.4189,

0.3568

0.4461

440.5082, 0.3369,
0.3553

■ 1.7568, 0.4798,
0.5130

■ 0.4601, 0.4774,
0.5226

■ 85.6341, 0.3542,
0.3743

■ 85.6341, 0.3542,
0.3743

■ 80.4741, 0.3732,
0.3932

■ 91.1688, 0.3364,
0.3555

■ 75.6650, 0.3930,
0.4114

■ 97.0778, 0.3199,
0.3373

■ 71.1977, 0.4129,
0.4279

99.9992, 0.3127,
0.3290

■ 67.0579, 0.4322,
0.4417

■ 63.2299, 0.4498,
0.4516

■ 59.6954, 0.4649,
0.4568

■ 56.4327, 0.4768,
0.4569

■ 54.8017, 0.4821,
0.4554

Harmonies

Analogous

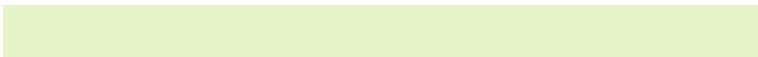
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6341, 0.3666, 0.3591



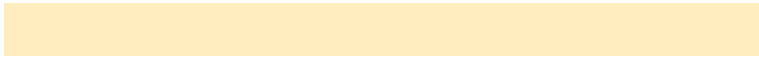
85.6341, 0.3542, 0.3743



85.6341, 0.3308, 0.3774

Triad

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



85.6341, 0.3542, 0.3743



85.6341, 0.2641, 0.3171



85.6341, 0.3205, 0.2958

Complementary

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



85.6341, 0.3542, 0.3743



64.5010, 0.2719, 0.2791

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.



85.6341, 0.2931, 0.2850



85.6341, 0.3542, 0.3743



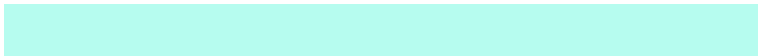
85.6341, 0.2615, 0.2960

Square

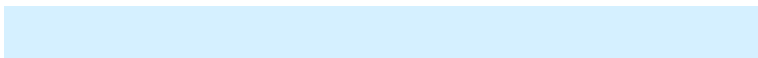
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.6341, 0.3542, 0.3743



85.6341, 0.2791, 0.3432



85.6341, 0.2718, 0.2848



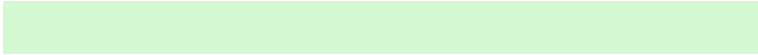
85.6341, 0.3467, 0.3145

Rectangle

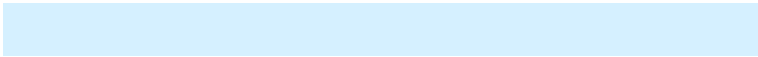
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.6341, 0.3542, 0.3743



85.6341, 0.3125, 0.3713



85.6341, 0.2718, 0.2848



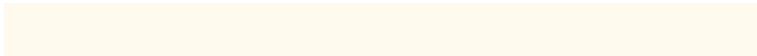
85.6341, 0.3111, 0.2912

Sweetspot

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



85.6380, 0.3542, 0.3743



95.6954, 0.3236, 0.3414



63.6476, 0.3495, 0.3097



20.4052, 0.3245, 0.3425



0.0000, 0.0000, 0.0000



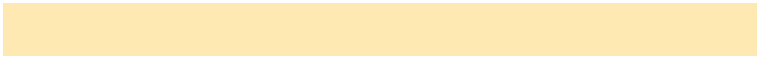
21.4041, 0.3127, 0.3290

Same Dimension

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



85.6380, 0.3542, 0.3743



82.8653, 0.3641, 0.3843



94.2693, 0.3417, 0.3927



20.1630, 0.3276, 0.3459



28.9038, 0.4808, 0.4564



3.0009, 0.4721, 0.4633

Inverse Universe

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



64.5010, 0.2719, 0.2791



58.2085, 0.2623, 0.2667



57.8308, 0.2787, 0.2602



18.2220, 0.2979, 0.3115



6.4661, 0.1600, 0.0960



0.8063, 0.1660, 0.1177

Previews

White Background



This preview shows how the Yxy color 85.6341, 0.3542, 0.3743 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 85.6341, 0.3542, 0.3743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

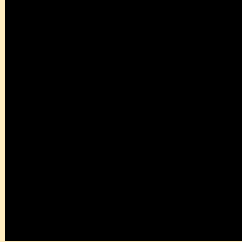
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.6341, 0.3542, 0.3743

Background



This preview shows how black text looks on a background with the Yxy color 85.6341, 0.3542, 0.3743.



This preview shows how white text looks on a background with the Yxy color 85.6341, 0.3542, 0.3743.

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

85.6341, 0.3542, 0.3743

Protanopia

85.8375, 0.3525, 0.3755

Deuteranopia

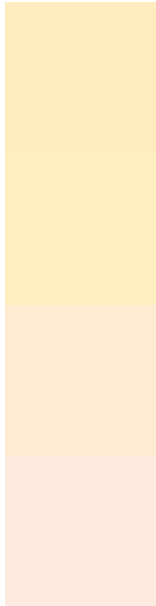
85.3261, 0.3355, 0.3420



Tritanopia

85.5658, 0.3201, 0.3163

Trichromacy



Original Color

85.6341, 0.3542, 0.3743

Protanomaly

86.0257, 0.3532, 0.3753

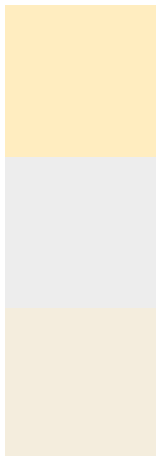
Deuteranomaly

85.3298, 0.3427, 0.3541

Tritanomaly

85.5966, 0.3322, 0.3370

Monochromacy



Original Color

85.6341, 0.3542, 0.3743

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.0219, 0.3275, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.6341, 0.3542, 0.3743 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 192) }
```

Border

The CSS property to change the border of an element to Yxy 85.6341, 0.3542, 0.3743 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, 192) }
```

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

```
.border{ border-color:rgb(255, 237, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 85.6341, 0.3542, 0.3743 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
237, 192) }
```

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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