

Converting Colors

$Yxy(83.8734, 0.3561, 0.3886)$

Have a look what the booklet for
Yxy(83.8734, 0.3561, 0.3886)
contains.

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Color

Yxy(84.2185, 0.3560, 0.3885)

Conversions

Conversions Part 1

Format	Color
Hex	F7EEB4
RGB	247, 238, 180
RGB Percent	97%, 93%, 71%
CMY	0.0314, 0.0667, 0.2940
CMYK	0.00, 0.04, 0.27, 0.03
HSL	52°, 81%, 84%
HSV	52°, 27%, 97%
XYZ	77.1732, 84.2185, 55.3869
YIQ	234.0790, 23.9820, -16.1300

Conversions

Conversions Part 2

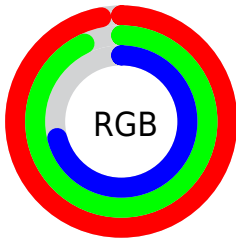
Format	Color
R _Y B	190, 247, 180
Decimal	16248500
CIE Lab	93.55, -5.72, 29.22
CIE LCh	94, 29.772, 101.077
Yxy	84.2185, 0.3560, 0.3885
Android (android.graphics.Color)	4294438580 (0xFFFF7EEB4)
YUV	234.0790, -26.6609, 11.3317
Hunter-Lab	91.7706, -10.4916, 28.4558

Details

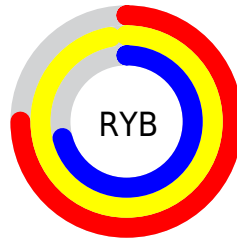
The Yxy color **84.2185, 0.3560, 0.3885** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **52.8324, 0.2664, 0.2615**, and the grayscale version is **82.5386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **45.9354, 0.3651, 0.4013** is the 20% darker color. If you saturate the color by 10%, you get **81.3889, 0.3728, 0.4105**, and if you desaturate by 10%, it is **87.2707, 0.3394, 0.3662**.

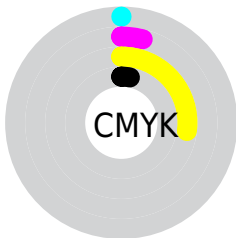
Distribution



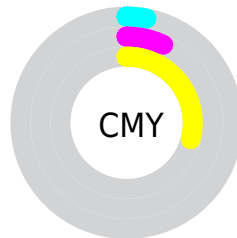
- Red (97%)
- Green (93%)
- Blue (71%)



- Red (75%)
- Yellow (97%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (27%)
- Black (3%)





- Cyan (3%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.2185, 0.3560, 0.3885 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 84.2185, 0.3560, 0.3885 by changing the saturation by 10% instead.

 84.2185, 0.3560,
0.3885

 84.2185, 0.3560,
0.3885

509.0385, 0.3368,
0.3615

 63.1958, 0.3601,
0.3945


 139.2808, 0.3495,
0.3793

 45.9997, 0.3651,
0.4018


174.0892, 0.3470,
0.3757

 32.2456, 0.3712,
0.4108


214.2617, 0.3447,
0.3725

 21.5491, 0.3788,
0.4223

260.1826, 0.3428,
0.3698

 13.5260, 0.3884,
0.4373

312.2363, 0.3410,
0.3673

 7.7917, 0.4007,
0.4574

370.8073, 0.3395,

 3.9620, 0.4167,

0.3652

0.4857

436.2799, 0.3381,
0.3633

1.6523, 0.4530,
0.5470

0.3925, 0.3729,
0.6271

84.2185, 0.3560,
0.3885

84.2185, 0.3560,
0.3885

81.3889, 0.3728,
0.4105

87.2707, 0.3394,
0.3662

78.7608, 0.3893,
0.4312

90.5431, 0.3235,
0.3442

76.3274, 0.4047,
0.4496

94.0479, 0.3085,
0.3230

74.0770, 0.4185,
0.4647

96.1615, 0.3079,
0.3254

■ 71.9962, 0.4299,
0.4758

■ 98.2559, 0.3078,
0.3286

■ 70.0696, 0.4385,
0.4822

■ 98.5141, 0.3078,
0.3290

■ 68.2770, 0.4443,
0.4842

■ 67.7751, 0.4456,
0.4844

Harmonies

Analogous

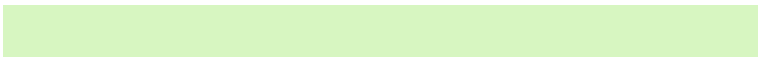
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2185, 0.3768, 0.3730



84.2185, 0.3560, 0.3885



84.2185, 0.3242, 0.3873

Triad

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



84.2185, 0.3560, 0.3885



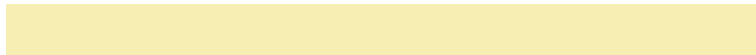
84.2185, 0.2500, 0.3044



84.2185, 0.3331, 0.2945

Complementary

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



84.2185, 0.3560, 0.3885



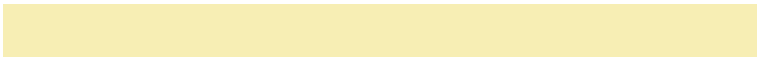
52.8324, 0.2664, 0.2615

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.



84.2185, 0.2983, 0.2779



84.2185, 0.3560, 0.3885



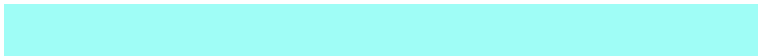
84.2185, 0.2520, 0.2820

Square

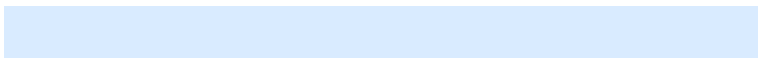
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.2185, 0.3560, 0.3885



84.2185, 0.2637, 0.3361



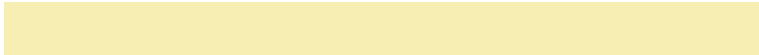
84.2185, 0.2691, 0.2731



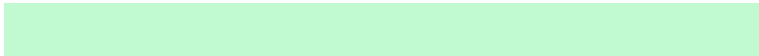
84.2185, 0.3635, 0.3194

Rectangle

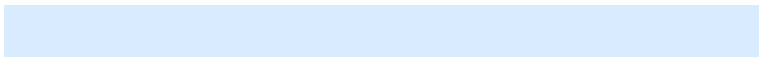
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.2185, 0.3560, 0.3885



84.2185, 0.3014, 0.3759



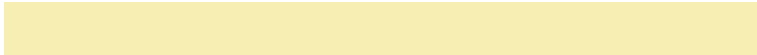
84.2185, 0.2691, 0.2731



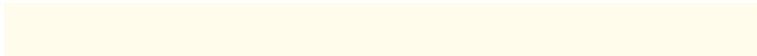
84.2185, 0.3214, 0.2879

Sweetspot

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



84.2223, 0.3560, 0.3885



97.0190, 0.3249, 0.3461



56.1528, 0.3628, 0.3184



20.6499, 0.3272, 0.3494



0.0000, 0.0000, 0.0000



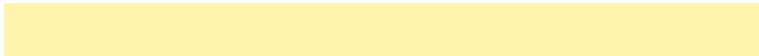
21.4041, 0.3127, 0.3290

Same Dimension

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



84.2223, 0.3560, 0.3885



88.7127, 0.3660, 0.4017



85.5957, 0.3375, 0.4007



18.9116, 0.3272, 0.3493



35.9976, 0.4451, 0.4848



3.2668, 0.4414, 0.4877

Inverse Universe

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



52.8324, 0.2664, 0.2615



49.3804, 0.2548, 0.2440



52.1360, 0.2823, 0.2543



16.2855, 0.2979, 0.3078



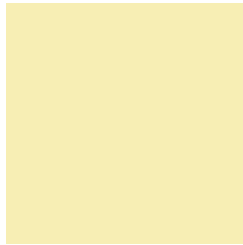
4.2471, 0.1529, 0.0704



0.4832, 0.1578, 0.0881

Previews

White Background



This preview shows how the Yxy color 84.2185, 0.3560, 0.3885 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 84.2185, 0.3560, 0.3885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

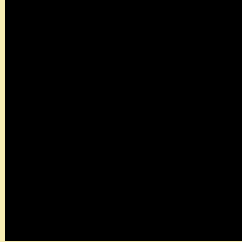
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.2185, 0.3560, 0.3885

Background



This preview shows how black text looks on a background with the Yxy color 84.2185, 0.3560, 0.3885.



This preview shows how white text looks on a background with the Yxy color 84.2185, 0.3560, 0.3885.

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

84.2185, 0.3560, 0.3885

Protanopia

84.1282, 0.3615, 0.3868

Deuteranopia

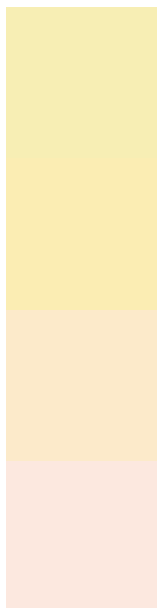
83.8795, 0.3398, 0.3461



Tritanopia

84.0140, 0.3190, 0.3115

Trichromacy



Original Color

84.2185, 0.3560, 0.3885

Protanomaly

84.3323, 0.3598, 0.3880

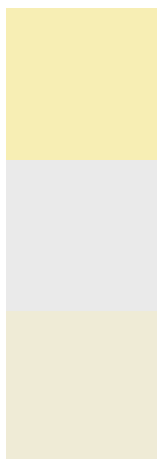
Deuteranomaly

83.8054, 0.3460, 0.3615

Tritanomaly

83.7364, 0.3323, 0.3381

Monochromacy



Original Color

84.2185, 0.3560, 0.3885

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.6224, 0.3288, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.2185, 0.3560, 0.3885 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(247, 238, 180)` looks like.

```
.text, #text, p{  
    color:rgb(247, 238, 180)  
}
```

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(247, 238, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 238, 180) }
```

Border

The CSS property to change the border of an element to Yxy 84.2185, 0.3560, 0.3885 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(247, 238, 180) }
```

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

```
.border{ border-color:rgb(247, 238, 180) }
```

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

Here you see how a box with a 4 pixel rgb(247, 238, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 238, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 238, 180);  
box-shadow:4px 4px 4px 4px rgb(247, 238,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 84.2185, 0.3560, 0.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 238, 180) }
```

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

```
.background{ background-color: rgb(247,  
238, 180) }
```

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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