

Converting Colors

$Y_{xy}(100.0000, 0.3939, 0.3751)$

Have a look what the booklet for
Yxy(100.0000, 0.3939, 0.3751)
contains.

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Color

Yxy(88.3951, 0.3556, 0.3830)

Conversions

Conversions Part 1

Format	Color
Hex	FFF2BC
RGB	255, 242, 188
RGB Percent	100%, 95%, 74%
CMY	0.0000, 0.0510, 0.2626
CMYK	0.00, 0.05, 0.26, 0.00
HSL	48°, 100%, 87%
HSV	48°, 26%, 100%
XYZ	82.0713, 88.3951, 60.3302
YIQ	239.7310, 25.0820, -14.0380

Conversions

Conversions Part 2

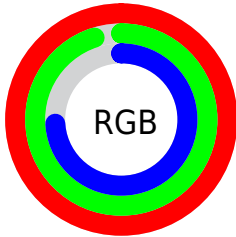
Format	Color
RYB	204, 255, 188
Decimal	16773820
CIELab	95.33, -3.73, 27.67
CIELCh	95, 27.925, 97.682
Yxy	88.3951, 0.3556, 0.3830
Android (android.graphics.Color)	4294963900 (0xFFFFF2BC)
YUV	239.7310, -25.5034, 13.3909
Hunter-Lab	94.0187, -8.7155, 27.7677

Details

The Yxy color **88.3951, 0.3556, 0.3830** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.7006, 0.2684, 0.2685**, and the grayscale version is **87.1087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **48.8448, 0.3653, 0.3952** is the 20% darker color. If you saturate the color by 10%, you get **84.4888, 0.3733, 0.4038**, and if you desaturate by 10%, it is **92.5834, 0.3385, 0.3620**.

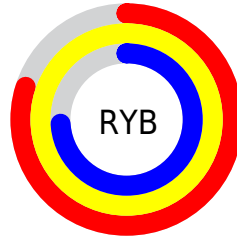
Distribution



Red (100%)

Green (95%)

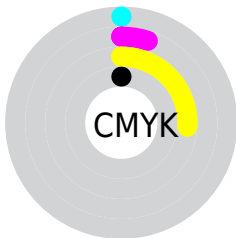
Blue (74%)



Red (80%)

Yellow (100%)

Blue (74%)

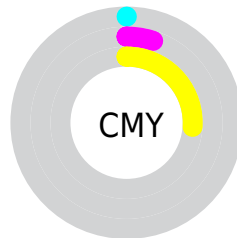


Cyan (0%)

Magenta (5%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.3951, 0.3556, 0.3830 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 88.3951, 0.3556, 0.3830 by changing the saturation by 10% instead.

 88.3951, 0.3556,
0.3830

 88.3951, 0.3556,
0.3830


522.7962, 0.3367,
0.3588

 66.6503, 0.3597,
0.3883


 145.1071, 0.3492,
0.3748

 48.8005, 0.3646,
0.3947

180.8431, 0.3467,
0.3715

 34.4613, 0.3706,
0.4027


222.0117, 0.3445,
0.3687

 23.2482, 0.3781,
0.4127

268.9971, 0.3425,
0.3663

 14.7769, 0.3877,
0.4257

322.1839, 0.3408,
0.3641

 8.6629, 0.4002,
0.4431

381.9565, 0.3393,

 4.5220, 0.4166,

0.3621

0.4671

448.6991, 0.3379,
0.3604

■ 1.9696, 0.4663,
0.5337

■ 0.5897, 0.4432,
0.5568

■ 88.3951, 0.3556,
0.3830

■ 88.3951, 0.3556,
0.3830

■ 84.4888, 0.3733,
0.4038

■ 92.5834, 0.3385,
0.3620

■ 80.8416, 0.3911,
0.4236

■ 97.0518, 0.3223,
0.3414

■ 77.4458, 0.4084,
0.4414

99.9997, 0.3127,
0.3290

■ 74.2884, 0.4242,
0.4561

■ 71.3546, 0.4379,
0.4667

■ 68.6276, 0.4488,
0.4726

■ 66.0860, 0.4567,
0.4739

■ 65.1720, 0.4592,
0.4736

Harmonies

Analogous

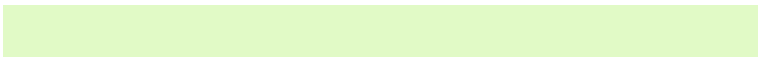
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3951, 0.3730, 0.3676



88.3951, 0.3556, 0.3830



88.3951, 0.3270, 0.3836

Triad

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



88.3951, 0.3556, 0.3830



88.3951, 0.2554, 0.3095



88.3951, 0.3280, 0.2948

Complementary

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



88.3951, 0.3556, 0.3830



59.7006, 0.2684, 0.2685

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.



88.3951, 0.2961, 0.2805



88.3951, 0.3556, 0.3830



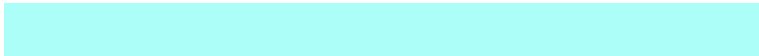
88.3951, 0.2555, 0.2874

Square

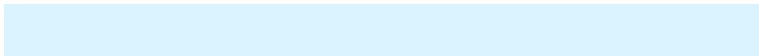
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.3951, 0.3556, 0.3830



88.3951, 0.2697, 0.3391



88.3951, 0.2699, 0.2775



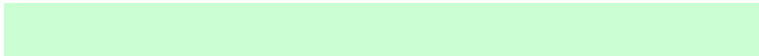
88.3951, 0.3569, 0.3173

Rectangle

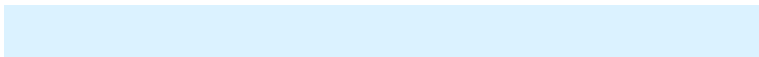
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.3951, 0.3556, 0.3830



88.3951, 0.3059, 0.3744



88.3951, 0.2699, 0.2775



88.3951, 0.3172, 0.2889

Sweetspot

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



88.3991, 0.3556, 0.3830



96.2555, 0.3250, 0.3450



61.4769, 0.3581, 0.3153



20.4564, 0.3274, 0.3480



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

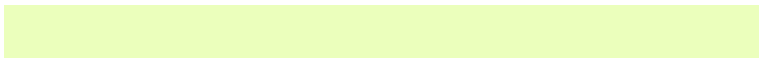
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3991, 0.3556, 0.3830



86.1235, 0.3657, 0.3950



92.7978, 0.3391, 0.3979



20.4564, 0.3274, 0.3480



34.2668, 0.4584, 0.4742



3.4827, 0.4531, 0.4784

Inverse Universe

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



59.7006, 0.2684, 0.2685



52.6454, 0.2575, 0.2528



56.6276, 0.2810, 0.2563



17.9481, 0.2979, 0.3092



5.1025, 0.1551, 0.0784



0.6393, 0.1604, 0.0972

Previews

White Background



This preview shows how the Yxy color 88.3951, 0.3556, 0.3830 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 88.3951, 0.3556, 0.3830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

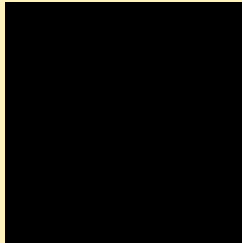
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.3951, 0.3556, 0.3830

Background



This preview shows how black text looks on a background with the Yxy color 88.3951, 0.3556, 0.3830.



This preview shows how white text looks on a background with the Yxy color 88.3951, 0.3556, 0.3830.

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

88.3951, 0.3556, 0.3830

Protanopia

88.2478, 0.3494, 0.3720

Deuteranopia

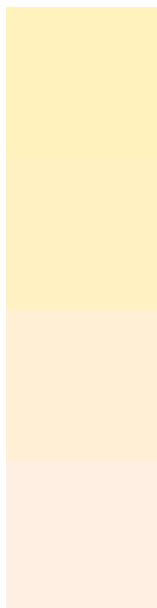
88.5391, 0.3310, 0.3409



Tritanopia

88.6057, 0.3179, 0.3184

Trichromacy



Original Color

88.3951, 0.3556, 0.3830

Protanomaly

88.0656, 0.3520, 0.3760

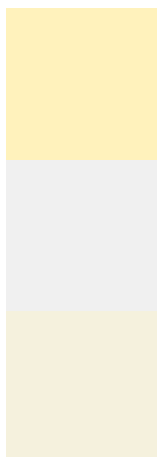
Deuteranomaly

88.3843, 0.3399, 0.3559

Tritanomaly

88.4840, 0.3316, 0.3419

Monochromacy



Original Color

88.3951, 0.3556, 0.3830

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.5435, 0.3278, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3951, 0.3556, 0.3830 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, 242, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 188)  
}
```

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, 242, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 188) }
```

Border

The CSS property to change the border of an element to Yxy 88.3951, 0.3556, 0.3830 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, 242, 188) }
```

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

```
.border{ border-color:rgb(255, 242, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3951, 0.3556, 0.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 188) }
```

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

```
.background{ background-color: rgb(255,  
242, 188) }
```

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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