

Converting Colors

$Yxy(87.0502, 0.3557, 0.3801)$

Have a look what the booklet for
Yxy(87.0502, 0.3557, 0.3801)
contains.

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Color

Yxy(87.2543, 0.3555, 0.3802)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0BD
RGB	255, 240, 189
RGB Percent	100%, 94%, 74%
CMY	0.0000, 0.0588, 0.2590
CMYK	0.00, 0.06, 0.26, 0.00
HSL	46°, 100%, 87%
HSV	46°, 26%, 100%
XYZ	81.5858, 87.2543, 60.6557
YIQ	238.6710, 25.3110, -12.6810

Conversions

Conversions Part 2

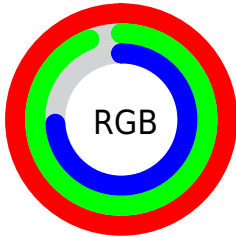
Format	Color
R _Y B	208, 255, 189
Decimal	16773309
CIE Lab	94.85, -2.60, 26.55
CIE LCh	95, 26.677, 95.594
Yxy	87.2543, 0.3555, 0.3802
Android (android.graphics.Color)	4294963389 (0xFFFFF0BD)
YUV	238.6710, -24.4878, 14.3205
Hunter-Lab	93.4100, -7.5628, 26.8871

Details

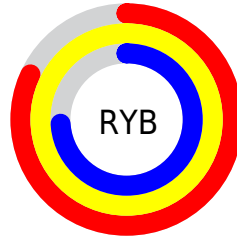
The Yxy color **87.2543, 0.3555, 0.3802** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.1918, 0.2693, 0.2719**, and the grayscale version is **86.2233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **48.0360, 0.3652, 0.3916** is the 20% darker color. If you saturate the color by 10%, you get **82.8887, 0.3737, 0.4003**, and if you desaturate by 10%, it is **91.9241, 0.3381, 0.3600**.

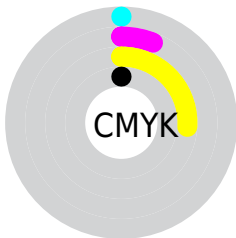
Distribution



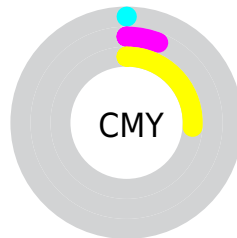
- Red (100%)
- Green (94%)
- Blue (74%)



- Red (82%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (6%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 87.2543, 0.3555, 0.3802 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 87.2543, 0.3555, 0.3802 by changing the saturation by 10% instead.


 87.2543, 0.3555,
0.3802

 87.2543, 0.3555,
0.3802

519.0581, 0.3365,
0.3573

 65.7057, 0.3596,
0.3852


 143.5185, 0.3491,
0.3724

 48.0335, 0.3646,
0.3913


179.0029, 0.3465,
0.3693

 33.8534, 0.3707,
0.3989

219.9014, 0.3443,
0.3667

 22.7810, 0.3784,
0.4084

266.5983, 0.3424,
0.3643

 14.4319, 0.3882,
0.4208

319.4780, 0.3407,
0.3622

 8.4217, 0.4012,
0.4375

378.9249, 0.3391,

 4.3659, 0.4184,

0.3604

0.4604

445.3235, 0.3378,
0.3588

■ 1.8803, 0.4725,
0.5275

■ 0.5365, 0.4542,
0.5458

■ 87.2543, 0.3555,
0.3802

■ 87.2543, 0.3555,
0.3802

■ 82.8887, 0.3737,
0.4003

■ 91.9241, 0.3381,
0.3600

■ 78.8150, 0.3922,
0.4196

■ 96.9074, 0.3217,
0.3402

■ 75.0213, 0.4104,
0.4369

100.0000, 0.3127,
0.3290

■ 71.4944, 0.4274,
0.4512

■ 68.2192, 0.4424,
0.4615

■ 65.1784, 0.4548,
0.4671

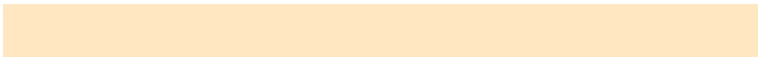
■ 62.3508, 0.4640,
0.4679

■ 61.2413, 0.4672,
0.4673

Harmonies

Analogous

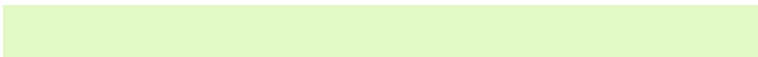
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2543, 0.3712, 0.3647



87.2543, 0.3555, 0.3802



87.2543, 0.3286, 0.3818

Triad

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



87.2543, 0.3555, 0.3802



87.2543, 0.2581, 0.3122



87.2543, 0.3252, 0.2949

Complementary

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



87.2543, 0.3555, 0.3802



61.1918, 0.2693, 0.2719

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.



87.2543, 0.2947, 0.2817



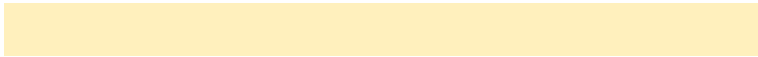
87.2543, 0.3555, 0.3802



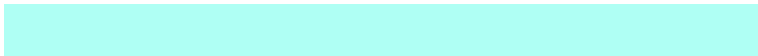
87.2543, 0.2572, 0.2903

Square

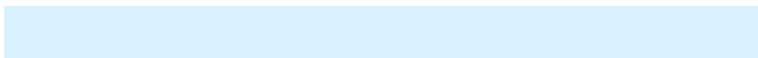
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.2543, 0.3555, 0.3802



87.2543, 0.2728, 0.3408



87.2543, 0.2703, 0.2797



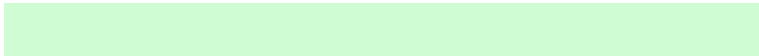
87.2543, 0.3534, 0.3162

Rectangle

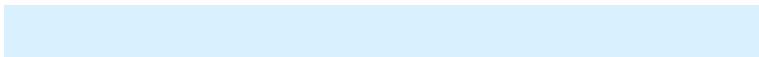
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.2543, 0.3555, 0.3802



87.2543, 0.3083, 0.3737



87.2543, 0.2703, 0.2797



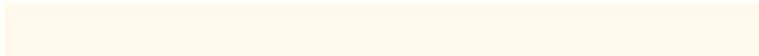
87.2543, 0.3149, 0.2894

Sweetspot

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



87.2547, 0.3555, 0.3802



95.8356, 0.3251, 0.3443



62.0103, 0.3554, 0.3132



20.3501, 0.3275, 0.3473



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

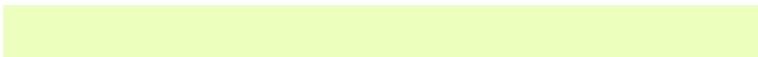
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2547, 0.3555, 0.3802



84.9918, 0.3647, 0.3905



93.2630, 0.3402, 0.3966



20.3501, 0.3275, 0.3473



32.2355, 0.4662, 0.4680



3.3015, 0.4598, 0.4731

Inverse Universe

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



61.1918, 0.2693, 0.2719



54.9819, 0.2598, 0.2587



56.7958, 0.2799, 0.2570



18.0466, 0.2979, 0.3101



5.5310, 0.1567, 0.0841



0.6943, 0.1623, 0.1041

Previews

White Background



This preview shows how the Yxy color 87.2543, 0.3555, 0.3802 looks on a white background.

Color Contrast Check

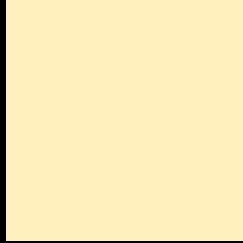
Large Text (above 18pt) WCAG AA × Fail

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 87.2543, 0.3555, 0.3802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

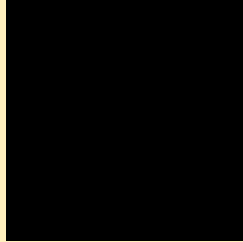
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.2543, 0.3555, 0.3802

Background



This preview shows how black text looks on a background with the Yxy color 87.2543, 0.3555, 0.3802.



This preview shows how white text looks on a background with the Yxy color 87.2543, 0.3555, 0.3802.

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

87.2543, 0.3555, 0.3802

Protanopia

87.3859, 0.3535, 0.3771

Deuteranopia

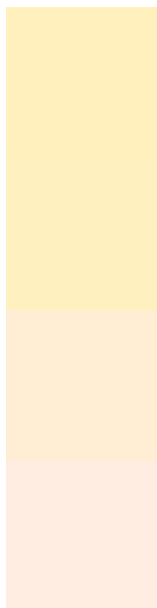
87.2646, 0.3325, 0.3409



Tritanopia

87.3921, 0.3186, 0.3174

Trichromacy



Original Color

87.2543, 0.3555, 0.3802

Protanomaly

87.3418, 0.3542, 0.3781

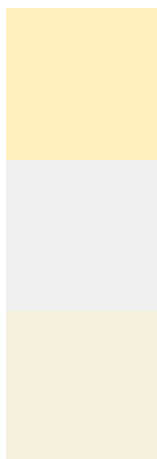
Deuteranomaly

87.1625, 0.3408, 0.3550

Tritanomaly

87.3194, 0.3319, 0.3399

Monochromacy



Original Color

87.2543, 0.3555, 0.3802

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.3659, 0.3280, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.2543, 0.3555, 0.3802 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, 240, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 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, 240, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 189) }
```

Border

The CSS property to change the border of an element to Yxy 87.2543, 0.3555, 0.3802 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, 240, 189) }
```

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

```
.border{ border-color:rgb(255, 240, 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, 240, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 87.2543, 0.3555, 0.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 189) }
```

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

```
.background{ background-color: rgb(255,  
240, 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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