

Converting Colors

$Yxy(87.2417, 0.3540, 0.3777)$

Have a look what the booklet for
Yxy(87.2417, 0.3540, 0.3777)
contains.

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Color

Yxy(87.3418, 0.3542, 0.3781)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0BF
RGB	255, 240, 191
RGB Percent	100%, 94%, 75%
CMY	0.0000, 0.0589, 0.2510
CMYK	0.00, 0.06, 0.25, 0.00
HSL	46°, 100%, 87%
HSV	46°, 25%, 100%
XYZ	81.8209, 87.3418, 61.8392
YIQ	238.8990, 24.6690, -12.0590

Conversions

Conversions Part 2

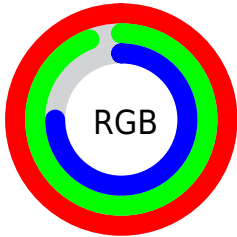
Format	Color
R_{YB}	211, 255, 191
Decimal	16773311
CIE Lab	94.88, -2.30, 25.55
CIE LCh	95, 25.654, 95.153
Yxy	87.3418, 0.3542, 0.3781
Android (android.graphics.Color)	4294963391 (0xFFFFF0BF)
YUV	238.8990, -23.6142, 14.1206
Hunter-Lab	93.4568, -7.2739, 26.1883

Details

The Yxy color **87.3418, 0.3542, 0.3781** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.4495, 0.2709, 0.2745**, and the grayscale version is **86.4000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **48.0929, 0.3636, 0.3890** is the 20% darker color. If you saturate the color by 10%, you get **82.8432, 0.3724, 0.3981**, and if you desaturate by 10%, it is **92.1370, 0.3367, 0.3581**.

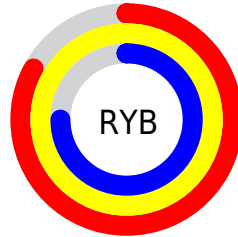
Distribution



Red (100%)

Green (94%)

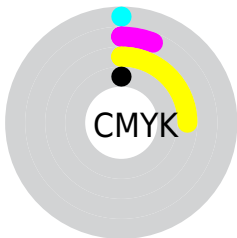
Blue (75%)



Red (83%)

Yellow (100%)

Blue (75%)

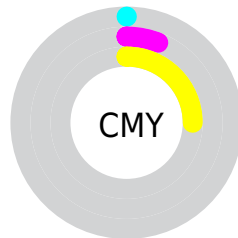


Cyan (0%)

Magenta (6%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.3418, 0.3542, 0.3781 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 87.3418, 0.3542, 0.3781 by changing the saturation by 10% instead.

 87.3418, 0.3542,
0.3781

 87.3418, 0.3542,
0.3781

519.3454, 0.3358,
0.3561

 65.7781, 0.3582,
0.3829


 143.6405, 0.3480,
0.3706

 48.0923, 0.3630,
0.3888

179.1442, 0.3455,
0.3677

 33.9000, 0.3690,
0.3960


220.0634, 0.3434,
0.3651

 22.8168, 0.3765,
0.4052

266.7825, 0.3415,
0.3629

 14.4583, 0.3861,
0.4171

319.6858, 0.3398,
0.3609

 8.4401, 0.3989,
0.4332

379.1578, 0.3383,

 4.3778, 0.4161,

0.3591

445.5829, 0.3370,
0.3575

0.4554

1.8871, 0.4732,
0.5247

0.5406, 0.4584,
0.5416

87.3418, 0.3542,
0.3781

87.3418, 0.3542,
0.3781

82.8432, 0.3724,
0.3981

92.1370, 0.3367,
0.3581

78.6525, 0.3911,
0.4173

97.2617, 0.3205,
0.3386

74.7500, 0.4096,
0.4347

100.0000, 0.3127,
0.3290

71.1223, 0.4270,
0.4491

■ 67.7546, 0.4425,
0.4597

■ 64.6295, 0.4553,
0.4656

■ 61.7261, 0.4651,
0.4666

■ 60.3689, 0.4691,
0.4658

Harmonies

Analogous

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



87.3418, 0.3690, 0.3631



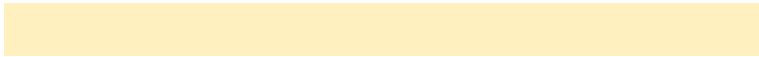
87.3418, 0.3542, 0.3781



87.3418, 0.3285, 0.3797

Triad

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



87.3418, 0.3542, 0.3781



87.3418, 0.2603, 0.3133



87.3418, 0.3243, 0.2959

Complementary

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



87.3418, 0.3542, 0.3781



62.4495, 0.2709, 0.2745

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.



87.3418, 0.2951, 0.2833



87.3418, 0.3542, 0.3781



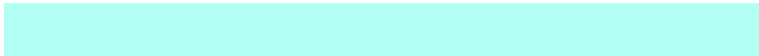
87.3418, 0.2592, 0.2920

Square

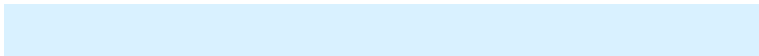
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3418, 0.3542, 0.3781



87.3418, 0.2747, 0.3407



87.3418, 0.2716, 0.2816



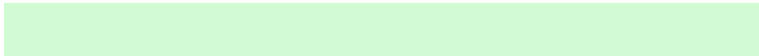
87.3418, 0.3515, 0.3163

Rectangle

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



87.3418, 0.3542, 0.3781



87.3418, 0.3090, 0.3721



87.3418, 0.2716, 0.2816



87.3418, 0.3144, 0.2906

Sweetspot

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



87.3343, 0.3542, 0.3781



95.7394, 0.3251, 0.3442



63.0298, 0.3528, 0.3126



20.3257, 0.3275, 0.3471



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

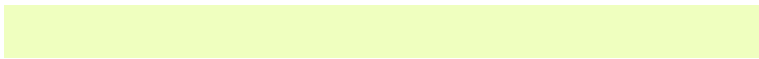
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.3343, 0.3542, 0.3781



85.0933, 0.3630, 0.3880



93.6329, 0.3400, 0.3942



20.3257, 0.3275, 0.3471



31.7844, 0.4681, 0.4666



3.2610, 0.4613, 0.4719

Inverse Universe

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



62.4495, 0.2709, 0.2745



56.4262, 0.2618, 0.2621



57.7507, 0.2804, 0.2594



18.0693, 0.2979, 0.3102



5.6394, 0.1571, 0.0855



0.7077, 0.1627, 0.1058

Previews

White Background



This preview shows how the Yxy color 87.3418, 0.3542, 0.3781 looks on a white background.

Color Contrast Check

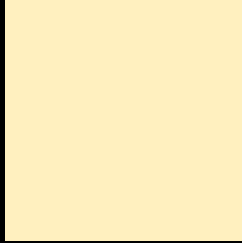
Large Text (above 18pt) WCAG AA × Fail

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 87.3418, 0.3542, 0.3781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

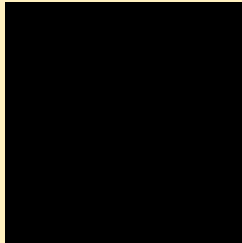
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.3418, 0.3542, 0.3781

Background



This preview shows how black text looks on a background with the Yxy color 87.3418, 0.3542, 0.3781.



This preview shows how white text looks on a background with the Yxy color 87.3418, 0.3542, 0.3781.

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

87.3418, 0.3542, 0.3781

Protanopia

87.4304, 0.3529, 0.3761

Deuteranopia

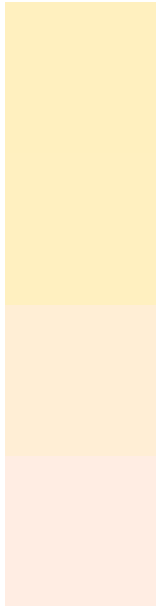
87.2646, 0.3325, 0.3409



Tritanopia

87.3921, 0.3186, 0.3174

Trichromacy



Original Color

87.3418, 0.3542, 0.3781

Protanomaly

87.3859, 0.3535, 0.3771

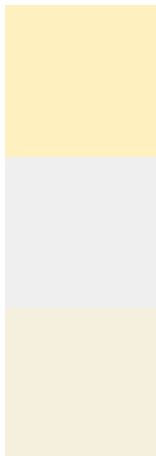
Deuteranomaly

87.2132, 0.3402, 0.3539

Tritanomaly

87.3744, 0.3312, 0.3389

Monochromacy



Original Color

87.3418, 0.3542, 0.3781

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.4194, 0.3273, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.3418, 0.3542, 0.3781 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 191) }
```

Border

The CSS property to change the border of an element to Yxy 87.3418, 0.3542, 0.3781 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, 191) }
```

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

```
.border{ border-color:rgb(255, 240, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 87.3418, 0.3542, 0.3781 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
240, 191) }
```

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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