

Converting Colors

$Y_{xy}(90.5256, 0.3370, 0.3553)$

Have a look what the booklet for
Yxy(90.5256, 0.3370, 0.3553)
contains.

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Color

Yxy(90.3709, 0.3369, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3D9
RGB	255, 243, 217
RGB Percent	100%, 95%, 85%
CMY	0.0000, 0.0471, 0.1490
CMYK	0.00, 0.05, 0.15, 0.00
HSL	41°, 100%, 93%
HSV	41°, 15%, 100%
XYZ	85.8358, 90.3709, 78.5745
YIQ	243.6240, 15.4980, -5.5420

Conversions

Conversions Part 2

Format	Color
R_{YB}	235, 255, 217
Decimal	16774105
CIE Lab	96.15, -0.11, 13.97
CIE LCh	96, 13.971, 90.454
Yxy	90.3709, 0.3369, 0.3547
Android (android.graphics.Color)	4294964185 (0xFFFFF3D9)
YUV	243.6240, -13.1256, 9.9768
Hunter-Lab	95.0636, -5.1883, 17.5386

Details

The Yxy color **90.3709, 0.3369, 0.3547** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78.0313, 0.2890, 0.3019**, and the grayscale version is **90.2403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.1550, 0.3421, 0.3606** is the 20% darker color. If you saturate the color by 10%, you get **84.4122, 0.3550, 0.3728**, and if you desaturate by 10%, it is **96.7276, 0.3203, 0.3372**.

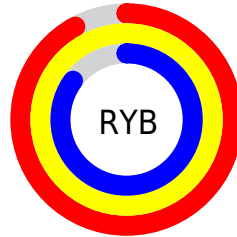
Distribution



Red (100%)

Green (95%)

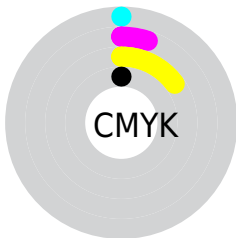
Blue (85%)



Red (92%)

Yellow (100%)

Blue (85%)

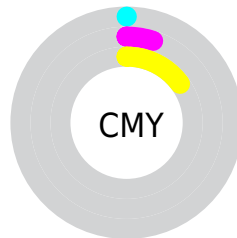


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (5%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.3709, 0.3369, 0.3547 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 90.3709, 0.3369, 0.3547 by changing the saturation by 10% instead.


 90.3709, 0.3369,
0.3547

 90.3709, 0.3369,
0.3547


529.2366, 0.3261,
0.3433

 68.2883, 0.3393,
0.3572


147.8535, 0.3332,
0.3508

 50.1323, 0.3421,
0.3603


184.0223, 0.3318,
0.3493

 35.5185, 0.3457,
0.3640


225.6552, 0.3306,
0.3480

 24.0626, 0.3502,
0.3689

273.1368, 0.3295,
0.3468

 15.3801, 0.3562,
0.3752

326.8513, 0.3285,
0.3458

 9.0866, 0.3643,
0.3839

387.1832, 0.3276,

 4.7977, 0.3761,

0.3448

0.3964

454.5168, 0.3268,
0.3440

■ 2.1290, 0.3945,
0.4160

■ 0.6809, 0.4863,
0.5137

■ 90.3709, 0.3369,
0.3547

■ 90.3709, 0.3369,
0.3547

■ 84.4122, 0.3550,
0.3728

■ 96.7276, 0.3203,
0.3372

■ 78.8682, 0.3745,
0.3909

100.0000, 0.3127,
0.3290

■ 73.7166, 0.3950,
0.4084

■ 68.9434, 0.4158,
0.4243

■ 64.5337, 0.4362,
0.4375

■ 60.4708, 0.4551,
0.4468

■ 56.7356, 0.4715,
0.4513

■ 53.3054, 0.4846,
0.4507

■ 51.6568, 0.4904,
0.4488

Harmonies

Analogous

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



90.3709, 0.3434, 0.3463



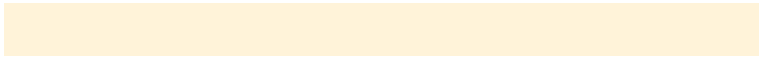
90.3709, 0.3369, 0.3547



90.3709, 0.3239, 0.3562

Triad

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



90.3709, 0.3369, 0.3547



90.3709, 0.2848, 0.3232



90.3709, 0.3167, 0.3093

Complementary

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



90.3709, 0.3369, 0.3547



78.0313, 0.2890, 0.3019

Split Complementary

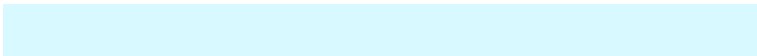
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.3709, 0.3010, 0.3032



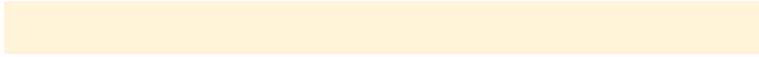
90.3709, 0.3369, 0.3547



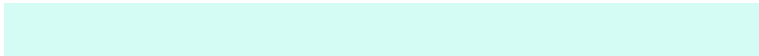
90.3709, 0.2829, 0.3108

Square

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



90.3709, 0.3369, 0.3547



90.3709, 0.2940, 0.3377



90.3709, 0.2888, 0.3036



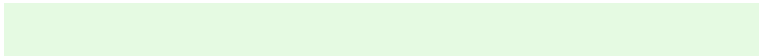
90.3709, 0.3316, 0.3203

Rectangle

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



90.3709, 0.3369, 0.3547



90.3709, 0.3135, 0.3529



90.3709, 0.2888, 0.3036



90.3709, 0.3113, 0.3066

Sweetspot

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



90.3613, 0.3368, 0.3547



97.3186, 0.3188, 0.3357



76.5535, 0.3322, 0.3170



20.7239, 0.3200, 0.3370



0.0000, 0.0000, 0.0000



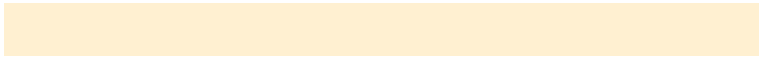
21.4041, 0.3127, 0.3290

Same Dimension

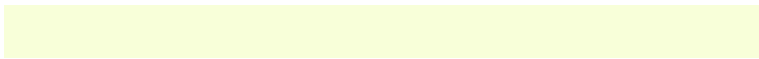
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.3613, 0.3368, 0.3547



88.4704, 0.3423, 0.3603



96.4937, 0.3306, 0.3666



20.0644, 0.3277, 0.3452



27.2721, 0.4889, 0.4500



2.8519, 0.4790, 0.4579

Inverse Universe

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



78.0313, 0.2890, 0.3019



73.8982, 0.2838, 0.2956



72.6980, 0.2932, 0.2896



18.3156, 0.2979, 0.3123



7.0578, 0.1620, 0.1033



0.8736, 0.1682, 0.1254

Previews

White Background



This preview shows how the Yxy color 90.3709, 0.3369, 0.3547 looks on a white background.

Color Contrast Check

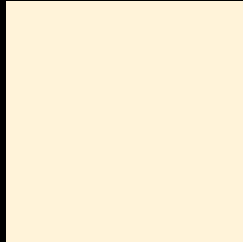
Large Text (above 18pt) WCAG AA × Fail

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 90.3709, 0.3369, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

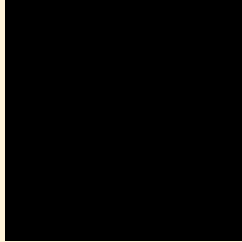
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.3709, 0.3369, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 90.3709, 0.3369, 0.3547.



This preview shows how white text looks on a background with the Yxy color 90.3709, 0.3369, 0.3547.

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

90.3709, 0.3369, 0.3547

Protanopia

90.1818, 0.3362, 0.3548

Deuteranopia

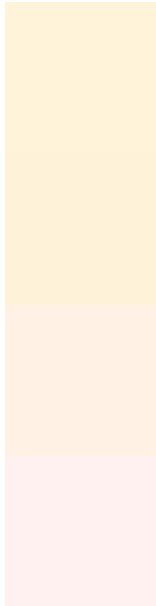
90.2267, 0.3251, 0.3339



Tritanopia

90.6085, 0.3152, 0.3175

Trichromacy



Original Color

90.3709, 0.3369, 0.3547

Protanomaly

90.1818, 0.3362, 0.3548

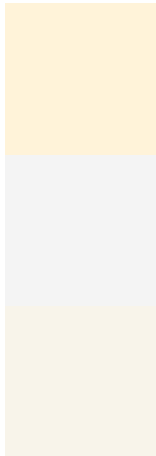
Deuteranomaly

90.4214, 0.3294, 0.3418

Tritanomaly

90.4026, 0.3232, 0.3310

Monochromacy



Original Color

90.3709, 0.3369, 0.3547

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.5983, 0.3214, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.3709, 0.3369, 0.3547 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, 243, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 217)  
}
```

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, 243, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 217) }
```

Border

The CSS property to change the border of an element to Yxy 90.3709, 0.3369, 0.3547 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, 243, 217) }
```

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

```
.border{ border-color:rgb(255, 243, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 90.3709, 0.3369, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 217) }
```

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

```
.background{ background-color: rgb(255,  
243, 217) }
```

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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