

Converting Colors

$Y_{xy}(72.6459, 0.3755, 0.3845)$

Have a look what the booklet for
Yxy(72.6459, 0.3755, 0.3845)
contains.

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Color

Yxy(72.6300, 0.3754, 0.3843)

Conversions

Conversions Part 1

Format	Color
Hex	FAD9A4
RGB	250, 217, 164
RGB Percent	98%, 85%, 64%
CMY	0.0195, 0.1490, 0.3567
CMYK	0.00, 0.13, 0.34, 0.02
HSL	37°, 90%, 81%
HSV	37°, 34%, 98%
XYZ	70.9480, 72.6300, 45.4150
YIQ	220.8250, 36.6810, -9.4870

Conversions

Conversions Part 2

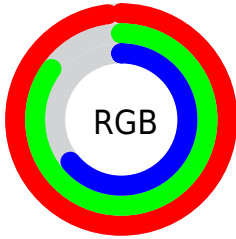
Format	Color
R _{YB}	218, 250, 164
Decimal	16439716
CIE Lab	88.27, 4.12, 30.35
CIE LCh	88, 30.624, 82.271
Yxy	72.6300, 0.3754, 0.3843
Android (android.graphics.Color)	4294629796 (0xFFFAD9A4)
YUV	220.8250, -28.0147, 25.5865
Hunter-Lab	85.2232, -0.5402, 28.0609

Details

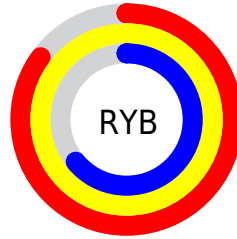
The Yxy color **72.6300, 0.3754, 0.3843** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.7624, 0.2556, 0.2664**, and the grayscale version is **72.3635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **38.2170, 0.3894, 0.3959** is the 20% darker color. If you saturate the color by 10%, you get **67.0087, 0.3973, 0.4003**, and if you desaturate by 10%, it is **78.7238, 0.3550, 0.3678**.

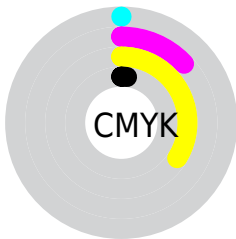
Distribution



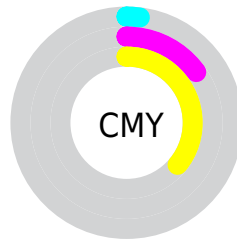
- Red (98%)
- Green (85%)
- Blue (64%)



- Red (85%)
- Yellow (98%)
- Blue (64%)



- Cyan (0%)
- Magenta (13%)
- Yellow (34%)
- Black (2%)





- Cyan (2%)
- Magenta (15%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6300, 0.3754, 0.3843 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 72.6300, 0.3754, 0.3843 by changing the saturation by 10% instead.

 72.6300, 0.3754,
0.3843

 72.6300, 0.3754,
0.3843


469.7314, 0.3465,
0.3593

 53.6735, 0.3819,
0.3898


 122.9518, 0.3655,
0.3758

 38.3407, 0.3898,
0.3965


 155.0859, 0.3616,
0.3724

 26.2472, 0.3996,
0.4046


192.3812, 0.3582,
0.3695

 17.0087, 0.4122,
0.4149

235.2223, 0.3553,
0.3669

 10.2407, 0.4285,
0.4278

283.9935, 0.3527,
0.3647

 5.5588, 0.4501,
0.4442

339.0791, 0.3504,

 2.5787, 0.5002,

0.3627

0.4846

400.8636, 0.3484,
0.3609

0.9160, 0.5163,
0.4837

0.0000, 0.0000,
0.0000

72.6300, 0.3754,
0.3843

72.6300, 0.3754,
0.3843

67.0087, 0.3973,
0.4003

78.7238, 0.3550,
0.3678

61.8345, 0.4202,
0.4150

85.2943, 0.3363,
0.3514

57.0943, 0.4432,
0.4270

92.3585, 0.3195,
0.3357

52.7699, 0.4652,
0.4353

99.0695, 0.3097,
0.3290

■ 48.8409, 0.4849,
0.4387

■ 45.2833, 0.5013,
0.4368

■ 43.4349, 0.5093,
0.4338

Harmonies

Analogous

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



72.6300, 0.3865, 0.3597



72.6300, 0.3754, 0.3843



72.6300, 0.3474, 0.3953

Triad

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



72.6300, 0.3754, 0.3843



72.6300, 0.2526, 0.3231



72.6300, 0.3109, 0.2794

Complementary

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



72.6300, 0.3754, 0.3843



54.7624, 0.2556, 0.2664

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.



72.6300, 0.2762, 0.2692



72.6300, 0.3754, 0.3843



72.6300, 0.2441, 0.2918

Square

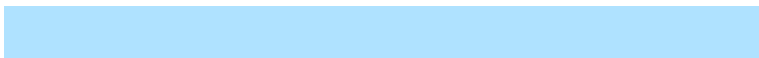
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6300, 0.3754, 0.3843



72.6300, 0.2766, 0.3589



72.6300, 0.2524, 0.2730



72.6300, 0.3481, 0.3011

Rectangle

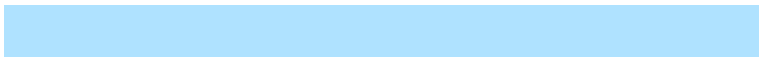
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.6300, 0.3754, 0.3843



72.6300, 0.3235, 0.3918



72.6300, 0.2524, 0.2730



72.6300, 0.2985, 0.2746

Sweetspot

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



72.6334, 0.3754, 0.3843



92.3736, 0.3287, 0.3444



50.9884, 0.3615, 0.2928



19.5514, 0.3311, 0.3466



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.



72.6334, 0.3754, 0.3843



71.9948, 0.3898, 0.3951



89.8477, 0.3587, 0.4168



19.0053, 0.3278, 0.3436



23.3202, 0.5074, 0.4353



2.3650, 0.4940, 0.4459

Inverse Universe

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



54.7624, 0.2556, 0.2664



50.8395, 0.2439, 0.2518



42.3079, 0.2562, 0.2273



17.7361, 0.2979, 0.3140



8.3592, 0.1671, 0.1214



0.9723, 0.1736, 0.1450

Previews

White Background



This preview shows how the Yxy color 72.6300, 0.3754, 0.3843 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 72.6300, 0.3754, 0.3843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

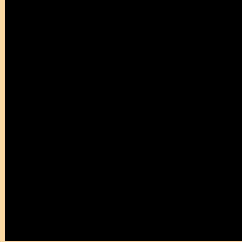
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.6300, 0.3754, 0.3843

Background



This preview shows how black text looks on a background with the Yxy color 72.6300, 0.3754, 0.3843.



This preview shows how white text looks on a background with the Yxy color 72.6300, 0.3754, 0.3843.

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

72.6300, 0.3754, 0.3843

Protanopia

72.4706, 0.3626, 0.3883

Deuteranopia

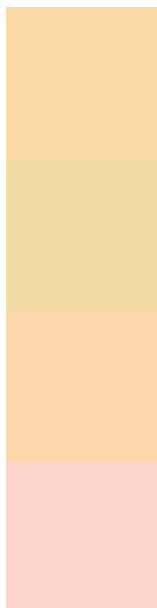
72.5275, 0.3708, 0.3673



Tritanopia

72.7894, 0.3359, 0.3140

Trichromacy



Original Color

72.6300, 0.3754, 0.3843

Protanomaly

72.7803, 0.3674, 0.3876

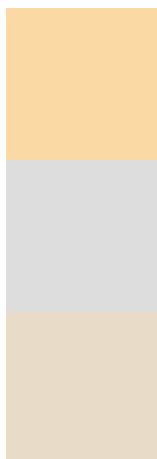
Deuteranomaly

72.4621, 0.3726, 0.3737

Tritanomaly

72.7829, 0.3501, 0.3394

Monochromacy



Original Color

72.6300, 0.3754, 0.3843

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.5123, 0.3351, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6300, 0.3754, 0.3843 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(250, 217, 164)` looks like.

```
.text, #text, p{  
    color:rgb(250, 217, 164)  
}
```

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(250, 217, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 217, 164) }
```

Border

The CSS property to change the border of an element to Yxy 72.6300, 0.3754, 0.3843 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(250, 217, 164) }
```

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

```
.border{ border-color:rgb(250, 217, 164) }
```

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

Here you see how a box with a 4 pixel rgb(250, 217, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 217, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 217, 164);  
box-shadow:4px 4px 4px 4px rgb(250, 217,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6300, 0.3754, 0.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 217, 164) }
```

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

```
.background{ background-color: rgb(250,  
217, 164) }
```

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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