

Converting Colors

$Y_{xy}(72.1452, 0.3727, 0.3832)$

Have a look what the booklet for
Yxy(72.1452, 0.3727, 0.3832)
contains.

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Color

Yxy(72.2988, 0.3731, 0.3836)

Conversions

Conversions Part 1

Format	Color
Hex	F8D9A5
RGB	248, 217, 165
RGB Percent	97%, 85%, 65%
CMY	0.0274, 0.1490, 0.3529
CMYK	0.00, 0.13, 0.33, 0.03
HSL	38°, 86%, 81%
HSV	38°, 33%, 97%
XYZ	70.3198, 72.2988, 45.8558
YIQ	220.3410, 35.1680, -9.6000

Conversions

Conversions Part 2

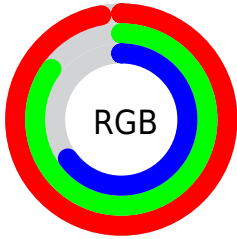
Format	Color
R_{YB}	214, 248, 165
Decimal	16308645
CIE _{Lab}	88.11, 3.46, 29.59
CIE _{LCh}	88, 29.792, 83.330
Yxy	72.2988, 0.3731, 0.3836
Android (android.graphics.Color)	4294498725 (0xFFF8D9A5)
YUV	220.3410, -27.2831, 24.2569
Hunter-Lab	85.0287, -1.1785, 27.5451

Details

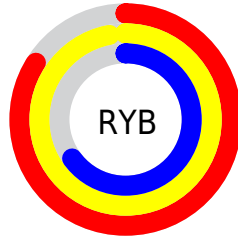
The Yxy color $72.2988, 0.3731, 0.3836$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $54.2733, 0.2572, 0.2673$, and the grayscale version is $72.0004, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.9473, 0.3333, 0.3631$, and $37.9801, 0.3864, 0.3952$ is the 20% darker color. If you saturate the color by 10%, you get $66.8407, 0.3947, 0.4000$, and if you desaturate by 10%, it is $78.2070, 0.3530, 0.3668$.

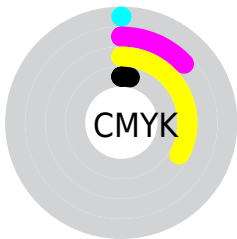
Distribution



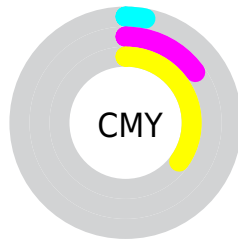
- Red (97%)
- Green (85%)
- Blue (65%)



- Red (84%)
- Yellow (97%)
- Blue (65%)



- Cyan (0%)
- Magenta (13%)
- Yellow (33%)
- Black (3%)





- Cyan (3%)
- Magenta (15%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.2988, 0.3731, 0.3836 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 72.2988, 0.3731, 0.3836 by changing the saturation by 10% instead.

 72.2988, 0.3731,
0.3836


 72.2988, 0.3731,
0.3836


468.5809, 0.3453,
0.3588

 53.4028, 0.3794,
0.3891


 122.4812, 0.3635,
0.3751

 38.1244, 0.3870,
0.3957


 154.5365, 0.3598,
0.3718

 26.0793, 0.3965,
0.4039


191.7469, 0.3565,
0.3689

 16.8830, 0.4087,
0.4142

234.4970, 0.3537,
0.3664

 10.1511, 0.4245,
0.4273

283.1710, 0.3512,
0.3641

 5.4992, 0.4456,
0.4441

338.1534, 0.3490,

 2.5431, 0.4937,

0.3622

0.4844

399.8286, 0.3470,
0.3604

0.8981, 0.5119,
0.4881

0.0000, 0.0000,
0.0000

72.2988, 0.3731,
0.3836

72.2988, 0.3731,
0.3836

66.8407, 0.3947,
0.4000

78.2070, 0.3530,
0.3668

61.8081, 0.4172,
0.4150

84.5689, 0.3346,
0.3502

57.1887, 0.4398,
0.4275

91.4006, 0.3180,
0.3343

52.9653, 0.4614,
0.4364

98.1057, 0.3084,
0.3281

■ 49.1186, 0.4809,
0.4406

■ 98.6982, 0.3084,
0.3290

■ 45.6261, 0.4972,
0.4394

■ 43.5145, 0.5062,
0.4363

Harmonies

Analogous

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



72.2988, 0.3846, 0.3601



72.2988, 0.3731, 0.3836



72.2988, 0.3454, 0.3936

Triad

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



72.2988, 0.3731, 0.3836



72.2988, 0.2535, 0.3221



72.2988, 0.3123, 0.2812

Complementary

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



72.2988, 0.3731, 0.3836



54.2733, 0.2572, 0.2673

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.



72.2988, 0.2781, 0.2707



72.2988, 0.3731, 0.3836



72.2988, 0.2457, 0.2919

Square

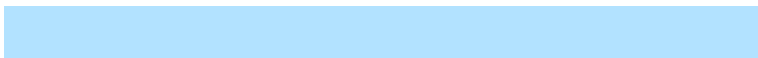
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.2988, 0.3731, 0.3836



72.2988, 0.2765, 0.3569



72.2988, 0.2545, 0.2740



72.2988, 0.3484, 0.3026

Rectangle

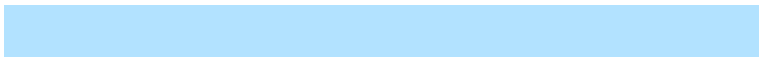
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.2988, 0.3731, 0.3836



72.2988, 0.3220, 0.3896



72.2988, 0.2545, 0.2740



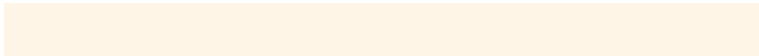
72.2988, 0.3002, 0.2763

Sweetspot

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



72.3021, 0.3731, 0.3836



92.5358, 0.3287, 0.3447



50.9002, 0.3610, 0.2952



19.5907, 0.3311, 0.3469



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.



72.3021, 0.3731, 0.3836



73.1277, 0.3872, 0.3945



88.0922, 0.3565, 0.4147



19.0369, 0.3278, 0.3438



23.7827, 0.5045, 0.4377



2.4060, 0.4916, 0.4479

Inverse Universe

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



54.2733, 0.2572, 0.2673



51.3029, 0.2455, 0.2527



42.7760, 0.2591, 0.2308



17.7055, 0.2979, 0.3137



8.1052, 0.1663, 0.1185



0.9466, 0.1728, 0.1421

Previews

White Background



This preview shows how the Yxy color 72.2988, 0.3731, 0.3836 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 72.2988, 0.3731, 0.3836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

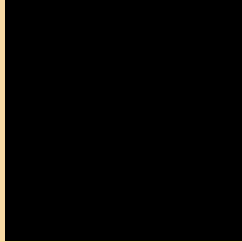
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.2988, 0.3731, 0.3836

Background



This preview shows how black text looks on a background with the Yxy color 72.2988, 0.3731, 0.3836.



This preview shows how white text looks on a background with the Yxy color 72.2988, 0.3731, 0.3836.

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

72.2988, 0.3731, 0.3836

Protanopia

72.5074, 0.3619, 0.3872

Deuteranopia

72.4877, 0.3715, 0.3683



Tritanopia

72.2972, 0.3360, 0.3129

Trichromacy



Original Color

72.2988, 0.3731, 0.3836

Protanomaly

72.6403, 0.3660, 0.3867

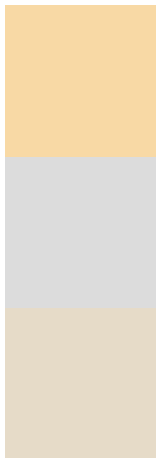
Deuteranomaly

72.2749, 0.3718, 0.3738

Tritanomaly

72.0942, 0.3495, 0.3384

Monochromacy



Original Color

72.2988, 0.3731, 0.3836

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.6562, 0.3337, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2988, 0.3731, 0.3836 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(248, 217, 165)` looks like.

```
.text, #text, p{  
    color:rgb(248, 217, 165)  
}
```

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(248, 217, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 217, 165) }
```

Border

The CSS property to change the border of an element to Yxy 72.2988, 0.3731, 0.3836 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(248, 217, 165) }
```

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

```
.border{ border-color:rgb(248, 217, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 217, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 217, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 217, 165);  
box-shadow:4px 4px 4px 4px rgb(248, 217,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2988, 0.3731, 0.3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 217, 165) }
```

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

```
.background{ background-color: rgb(248,  
217, 165) }
```

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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