

Converting Colors

$Y_{xy}(72.7276, 0.3625, 0.3641)$

Have a look what the booklet for
Yxy(72.7276, 0.3625, 0.3641)
contains.

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Color

Yxy(72.8131, 0.3626, 0.3646)

Conversions

Conversions Part 1

Format	Color
Hex	FAD8B6
RGB	250, 216, 182
RGB Percent	98%, 85%, 71%
CMY	0.0197, 0.1529, 0.2864
CMYK	0.00, 0.14, 0.27, 0.02
HSL	30°, 87%, 85%
HSV	30°, 27%, 98%
XYZ	72.4137, 72.8131, 54.4800
YIQ	222.2900, 31.1780, -3.3660

Conversions

Conversions Part 2

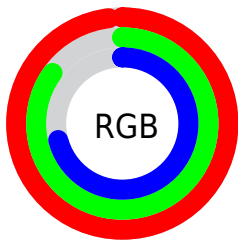
Format	Color
RYB	250, 250, 182
Decimal	16439478
CIELab	88.36, 6.84, 21.15
CIELCh	88, 22.231, 72.071
Yxy	72.8131, 0.3626, 0.3646
Android (android.graphics.Color)	4294629558 (0xFFFAD8B6)
YUV	222.2900, -19.8630, 24.3017
Hunter-Lab	85.3306, 2.1511, 21.8772

Details

The Yxy color **72.8131, 0.3626, 0.3646** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.9174, 0.2692, 0.2905**, and the grayscale version is **73.3880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **38.4122, 0.3748, 0.3720** is the 20% darker color. If you saturate the color by 10%, you get **65.7182, 0.3855, 0.3782**, and if you desaturate by 10%, it is **80.5850, 0.3422, 0.3510**.

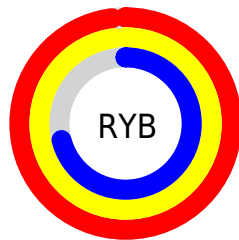
Distribution



Red (98%)

Green (85%)

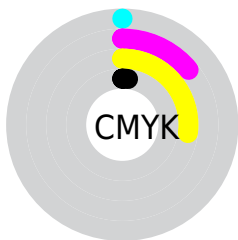
Blue (71%)



Red (98%)

Yellow (98%)

Blue (71%)

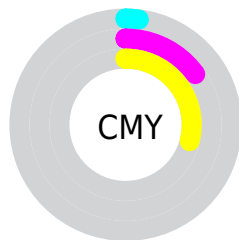


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (2%)



Cyan (2%)


Magenta (15%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8131, 0.3626, 0.3646 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 72.8131, 0.3626, 0.3646 by changing the saturation by 10% instead.


 72.8131, 0.3626,
0.3646

 72.8131, 0.3626,
0.3646


470.3668, 0.3394,
0.3485

 53.8232, 0.3679,
0.3682


 123.2118, 0.3546,
0.3591

 38.4603, 0.3744,
0.3725


155.3894, 0.3514,
0.3569

 26.3401, 0.3826,
0.3778


192.7317, 0.3487,
0.3551

 17.0783, 0.3933,
0.3846

235.6230, 0.3464,
0.3534

 10.2903, 0.4077,
0.3934

284.4478, 0.3443,
0.3520

 5.5919, 0.4279,
0.4051

339.5904, 0.3425,

 2.5985, 0.4591,

0.3507

0.4218

401.4353, 0.3409,
0.3495

0.9259, 0.5346,
0.4654

0.0000, 0.0000,
0.0000

72.8131, 0.3626,
0.3646

72.8131, 0.3626,
0.3646

65.7182, 0.3855,
0.3782

80.5850, 0.3422,
0.3510

59.2697, 0.4108,
0.3913

89.0434, 0.3242,
0.3380

53.4493, 0.4378,
0.4027

98.0827, 0.3097,
0.3275

48.2333, 0.4656,
0.4114

99.0586, 0.3096,
0.3290

■ 43.5965, 0.4928,
0.4160

■ 39.5103, 0.5174,
0.4153

■ 35.9413, 0.5379,
0.4091

■ 35.0244, 0.5433,
0.4069

Harmonies

Analogous

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



72.8131, 0.3653, 0.3449



72.8131, 0.3626, 0.3646



72.8131, 0.3462, 0.3758

Triad

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



72.8131, 0.3626, 0.3646



72.8131, 0.2736, 0.3339



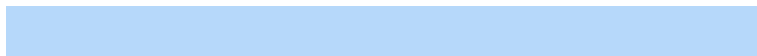
72.8131, 0.3025, 0.2886

Complementary

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



72.8131, 0.3626, 0.3646



65.9174, 0.2692, 0.2905

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.



72.8131, 0.2790, 0.2846



72.8131, 0.3626, 0.3646



72.8131, 0.2629, 0.3094

Square

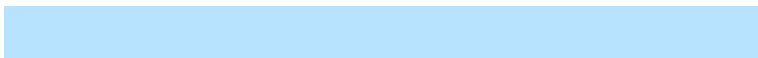
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8131, 0.3626, 0.3646



72.8131, 0.2946, 0.3582



72.8131, 0.2648, 0.2918



72.8131, 0.3297, 0.3022

Rectangle

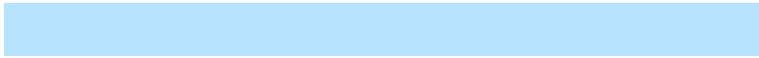
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8131, 0.3626, 0.3646



72.8131, 0.3300, 0.3761



72.8131, 0.2648, 0.2918



72.8131, 0.2939, 0.2861

Sweetspot

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



72.8164, 0.3626, 0.3646



92.4272, 0.3256, 0.3390



58.7213, 0.3428, 0.2937



19.4898, 0.3282, 0.3409



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.



72.8164, 0.3626, 0.3646



71.7736, 0.3757, 0.3726



92.0479, 0.3539, 0.3972



18.6612, 0.3281, 0.3409



18.8708, 0.5407, 0.4089



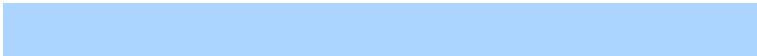
1.9598, 0.5223, 0.4235

Inverse Universe

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



65.9174, 0.2692, 0.2905



63.3836, 0.2595, 0.2808



50.2888, 0.2651, 0.2504



18.0750, 0.2980, 0.3168



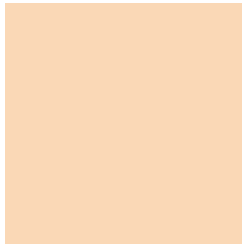
11.7064, 0.1770, 0.1573



1.2962, 0.1830, 0.1789

Previews

White Background



This preview shows how the Yxy color 72.8131, 0.3626, 0.3646 looks on a white background.

Color Contrast Check

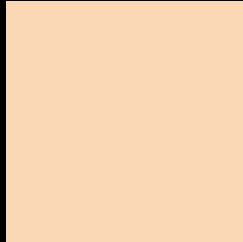
Large Text (above 18pt) WCAG AA × Fail

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 72.8131, 0.3626, 0.3646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

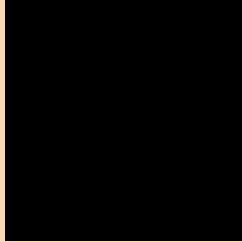
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8131, 0.3626, 0.3646

Background



This preview shows how black text looks on a background with the Yxy color 72.8131, 0.3626, 0.3646.



This preview shows how white text looks on a background with the Yxy color 72.8131, 0.3626, 0.3646.

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

72.8131, 0.3626, 0.3646

Protanopia

72.7081, 0.3469, 0.3680

Deuteranopia

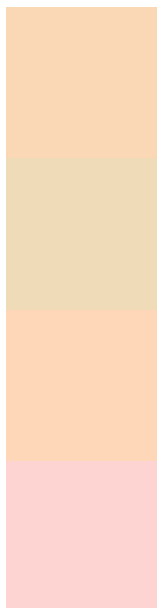
72.8559, 0.3648, 0.3590



Tritanopia

72.8442, 0.3352, 0.3130

Trichromacy



Original Color

72.8131, 0.3626, 0.3646

Protanomaly

72.6490, 0.3527, 0.3664

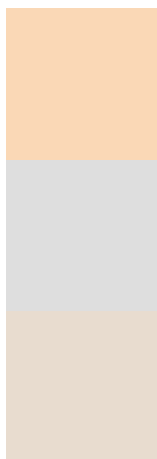
Deuteranomaly

72.9442, 0.3637, 0.3612

Tritanomaly

72.6228, 0.3451, 0.3311

Monochromacy



Original Color

72.8131, 0.3626, 0.3646

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.8472, 0.3302, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8131, 0.3626, 0.3646 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, 216, 182)` looks like.

```
.text, #text, p{  
    color:rgb(250, 216, 182)  
}
```

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, 216, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 216, 182) }
```

Border

The CSS property to change the border of an element to Yxy 72.8131, 0.3626, 0.3646 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, 216, 182) }
```

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

```
.border{ border-color:rgb(250, 216, 182) }
```

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

Here you see how a box with a 4 pixel rgb(250, 216, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 216, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 216, 182);  
box-shadow:4px 4px 4px 4px rgb(250, 216,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8131, 0.3626, 0.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 216, 182) }
```

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

```
.background{ background-color: rgb(250,  
216, 182) }
```

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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