

Converting Colors

$Y_{xy}(73.4433, 0.3812, 0.3618)$

Have a look what the booklet for
Yxy(73.4433, 0.3812, 0.3618)
contains.

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Color

Yxy(71.0629, 0.3709, 0.3632)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3B2
RGB	255, 211, 178
RGB Percent	100%, 83%, 70%
CMY	0.0000, 0.1725, 0.3018
CMYK	0.00, 0.17, 0.30, 0.00
HSL	26°, 100%, 85%
HSV	26°, 30%, 100%
XYZ	72.5695, 71.0629, 52.0254
YIQ	220.3940, 36.8170, -0.9350

Conversions

Conversions Part 2

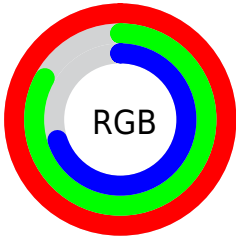
Format	Color
R _Y B	255, 236, 178
Decimal	16765874
CIE Lab	87.52, 10.80, 22.12
CIE LCh	88, 24.617, 63.966
Yxy	71.0629, 0.3709, 0.3632
Android (android.graphics.Color)	4294955954 (0xFFFFD3B2)
YUV	220.3940, -20.9002, 30.3495
Hunter-Lab	84.2988, 6.1406, 22.4181

Details

The Yxy color **71.0629, 0.3709, 0.3632** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.9357, 0.2649, 0.2920**, and the grayscale version is **71.9921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **37.1279, 0.3851, 0.3703** is the 20% darker color. If you saturate the color by 10%, you get **63.2194, 0.3961, 0.3749**, and if you desaturate by 10%, it is **79.7598, 0.3488, 0.3514**.

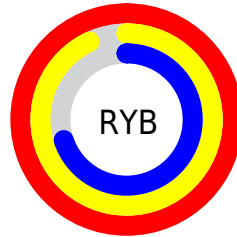
Distribution



Red (100%)

Green (83%)

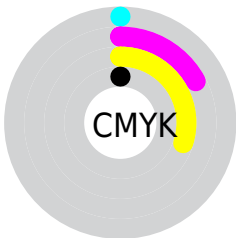
Blue (70%)



Red (100%)

Yellow (93%)

Blue (70%)

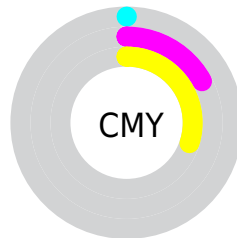


Cyan (0%)

Magenta (17%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (17%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0629, 0.3709, 0.3632 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 71.0629, 0.3709, 0.3632 by changing the saturation by 10% instead.


 71.0629, 0.3709,
0.3632

 71.0629, 0.3709,
0.3632


464.2733, 0.3437,
0.3479

 52.3935, 0.3771,
0.3665


 120.7233, 0.3614,
0.3580

 37.3188, 0.3848,
0.3705


152.4831, 0.3578,
0.3560

 25.4545, 0.3946,
0.3754


189.3752, 0.3546,
0.3542

 16.4160, 0.4073,
0.3816

231.7839, 0.3519,
0.3526

 9.8190, 0.4245,
0.3893

280.0937, 0.3494,
0.3512

 5.2791, 0.4486,
0.3990

334.6889, 0.3473,

 2.4119, 0.4888,

0.3500

0.4142

395.9540, 0.3454,
0.3489

0.8320, 0.5632,
0.4368

0.0000, 1.0000,
0.0000

71.0629, 0.3709,
0.3632

71.0629, 0.3709,
0.3632

63.2194, 0.3961,
0.3749

79.7598, 0.3488,
0.3514

56.1914, 0.4241,
0.3858

89.3267, 0.3296,
0.3400

49.9526, 0.4544,
0.3949

99.7919, 0.3130,
0.3292

44.4712, 0.4857,
0.4008

99.9981, 0.3127,
0.3290

■ 39.7124, 0.5160,
0.4023

■ 35.6375, 0.5430,
0.3984

■ 32.2528, 0.5648,
0.3898

Harmonies

Analogous

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



71.0629, 0.3694, 0.3398



71.0629, 0.3709, 0.3632



71.0629, 0.3562, 0.3791

Triad

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



71.0629, 0.3709, 0.3632



71.0629, 0.2744, 0.3422



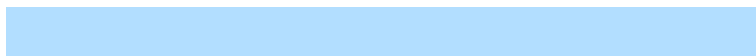
71.0629, 0.2934, 0.2819

Complementary

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



71.0629, 0.3709, 0.3632



68.9357, 0.2649, 0.2920

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.



71.0629, 0.2697, 0.2806



71.0629, 0.3709, 0.3632



71.0629, 0.2592, 0.3138

Square

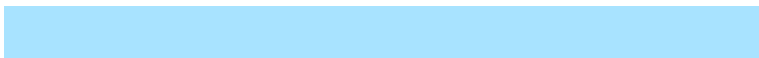
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0629, 0.3709, 0.3632



71.0629, 0.3001, 0.3678



71.0629, 0.2575, 0.2916



71.0629, 0.3234, 0.2943

Rectangle

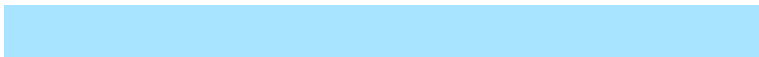
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.0629, 0.3709, 0.3632



71.0629, 0.3396, 0.3824



71.0629, 0.2575, 0.2916



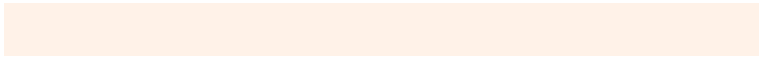
71.0629, 0.2845, 0.2801

Sweetspot

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



71.0662, 0.3709, 0.3632



90.5246, 0.3275, 0.3387



58.4338, 0.3417, 0.2833



19.0629, 0.3300, 0.3403



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.



71.0662, 0.3709, 0.3632



66.4056, 0.3852, 0.3701



91.9633, 0.3602, 0.3990



19.2670, 0.3284, 0.3392



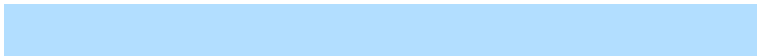
17.1366, 0.5619, 0.3920



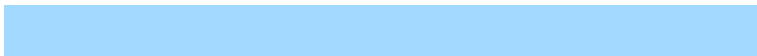
1.8802, 0.5419, 0.4079

Inverse Universe

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



68.9357, 0.2649, 0.2920



63.9662, 0.2557, 0.2836



51.1527, 0.2599, 0.2478



19.1013, 0.2979, 0.3186



14.7730, 0.1839, 0.1819



1.6554, 0.1890, 0.2002

Previews

White Background



This preview shows how the Yxy color 71.0629, 0.3709, 0.3632 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 71.0629, 0.3709, 0.3632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

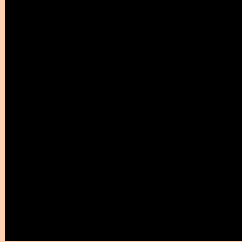
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0629, 0.3709, 0.3632

Background



This preview shows how black text looks on a background with the Yxy color 71.0629, 0.3709, 0.3632.






This preview shows how white text looks on a background with the Yxy color 71.0629, 0.3709, 0.3632.

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

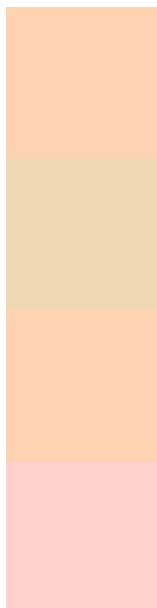
	Original Color 71.0629, 0.3709, 0.3632
	Protanopia 71.1962, 0.3479, 0.3694
	Deuteranopia 71.0629, 0.3709, 0.3632



Tritanopia

71.1061, 0.3392, 0.3149

Trichromacy



Original Color

71.0629, 0.3709, 0.3632

Protanomaly

70.9732, 0.3555, 0.3666

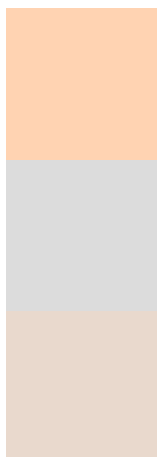
Deuteranomaly

71.0629, 0.3709, 0.3632

Tritanomaly

70.7795, 0.3511, 0.3322

Monochromacy



Original Color

71.0629, 0.3709, 0.3632

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.3571, 0.3328, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0629, 0.3709, 0.3632 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, 211, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 178)  
}
```

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, 211, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 178) }
```

Border

The CSS property to change the border of an element to Yxy 71.0629, 0.3709, 0.3632 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, 211, 178) }
```

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

```
.border{ border-color:rgb(255, 211, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0629, 0.3709, 0.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 178) }
```

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

```
.background{ background-color: rgb(255,  
211, 178) }
```

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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