

Converting Colors

$Y_{xy}(73.7317, 0.3452, 0.3479)$

Have a look what the booklet for
Yxy(73.7317, 0.3452, 0.3479)
contains.

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Color

Yxy(73.7254, 0.3452, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	F5DAC8
RGB	245, 218, 200
RGB Percent	96%, 85%, 78%
CMY	0.0393, 0.1451, 0.2156
CMYK	0.00, 0.11, 0.18, 0.04
HSL	24°, 69%, 87%
HSV	24°, 18%, 96%
XYZ	73.1532, 73.7254, 65.0369
YIQ	224.0210, 21.8700, 0.1260

Conversions

Conversions Part 2

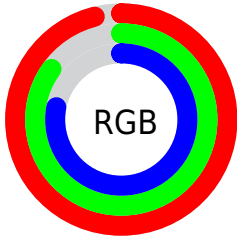
Format	Color
R _Y B	245, 230, 200
Decimal	16112328
CIE Lab	88.79, 6.52, 12.24
CIE LCh	89, 13.872, 61.955
Yxy	73.7254, 0.3452, 0.3479
Android (android.graphics.Color)	4294302408 (0xFFF5DAC8)
YUV	224.0210, -11.8424, 18.3986
Hunter-Lab	85.8635, 1.8157, 15.1955

Details

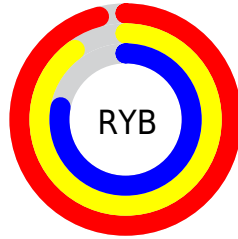
The Yxy color **73.7254, 0.3452, 0.3479** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8228, 0.2840, 0.3093**, and the grayscale version is **74.6342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9611, 0.3527, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **65.3818, 0.3671, 0.3589**, and if you desaturate by 10%, it is **82.9358, 0.3264, 0.3373**.

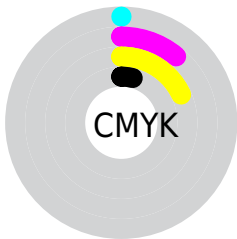
Distribution



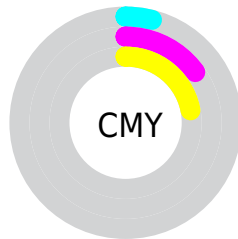
- Red (96%)
- Green (85%)
- Blue (78%)



- Red (96%)
- Yellow (90%)
- Blue (78%)



- Cyan (0%)
- Magenta (11%)
- Yellow (18%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7254, 0.3452, 0.3479 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 73.7254, 0.3452, 0.3479 by changing the saturation by 10% instead.


 73.7254, 0.3452,
0.3479

 73.7254, 0.3452,
0.3479


473.5251, 0.3301,
0.3393

 54.5693, 0.3487,
0.3498


124.5065, 0.3400,
0.3450

 39.0570, 0.3529,
0.3521


156.9002, 0.3379,
0.3438

 26.8041, 0.3584,
0.3550


194.4754, 0.3362,
0.3428

 17.4261, 0.3655,
0.3588

237.6162, 0.3346,
0.3420

 10.5388, 0.3751,
0.3637

286.7073, 0.3333,
0.3412

 5.7576, 0.3891,
0.3705

342.1328, 0.3321,

 2.6983, 0.4108,

0.3405

404.2773, 0.3311,
0.3399

0.3804

0.9763, 0.4843,
0.4266

0.0000, 1.0000,
0.0000

73.7254, 0.3452,
0.3479

73.7254, 0.3452,
0.3479

65.3818, 0.3671,
0.3589

82.9358, 0.3264,
0.3373

57.8688, 0.3922,
0.3699

93.0280, 0.3102,
0.3274

51.1621, 0.4204,
0.3803

98.1509, 0.3066,
0.3290

45.2323, 0.4514,
0.3891

■ 40.0481, 0.4839,
0.3951

■ 35.5753, 0.5160,
0.3969

■ 31.7762, 0.5451,
0.3936

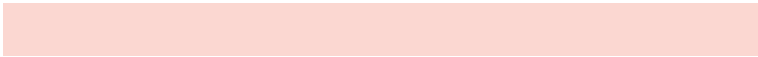
■ 28.6056, 0.5690,
0.3851

■ 28.1365, 0.5727,
0.3835

Harmonies

Analogous

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



73.7254, 0.3436, 0.3347



73.7254, 0.3452, 0.3479



73.7254, 0.3379, 0.3566

Triad

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



73.7254, 0.3452, 0.3479



73.7254, 0.2921, 0.3375



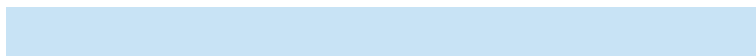
73.7254, 0.3011, 0.3018

Complementary

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



73.7254, 0.3452, 0.3479



73.8228, 0.2840, 0.3093

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.



73.7254, 0.2878, 0.3019



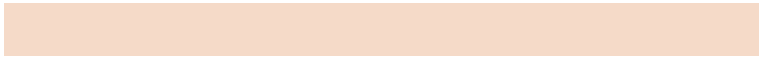
73.7254, 0.3452, 0.3479



73.7254, 0.2828, 0.3220

Square

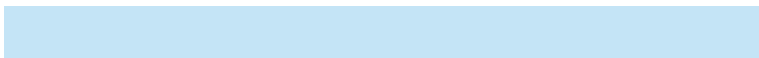
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7254, 0.3452, 0.3479



73.7254, 0.3071, 0.3508



73.7254, 0.2812, 0.3091



73.7254, 0.3178, 0.3086

Rectangle

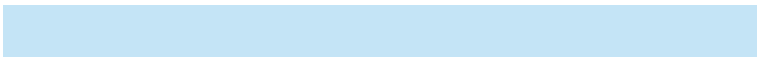
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7254, 0.3452, 0.3479



73.7254, 0.3290, 0.3584



73.7254, 0.2812, 0.3091



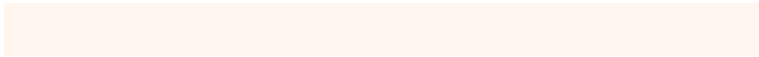
73.7254, 0.2961, 0.3010

Sweetspot

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



73.7287, 0.3452, 0.3479



93.3337, 0.3224, 0.3350



66.3221, 0.3273, 0.3003



19.8265, 0.3235, 0.3356



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.



73.7287, 0.3452, 0.3479



77.2656, 0.3529, 0.3519



85.7531, 0.3413, 0.3697



17.5698, 0.3284, 0.3385



15.4122, 0.5698, 0.3858



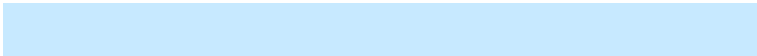
1.5499, 0.5469, 0.4040

Inverse Universe

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



73.8228, 0.2840, 0.3093



77.3837, 0.2781, 0.3049



62.6711, 0.2827, 0.2848



17.5813, 0.2980, 0.3193



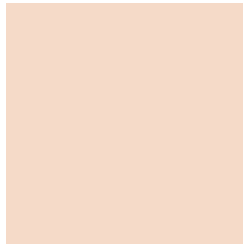
15.0797, 0.1868, 0.1923



1.5261, 0.1920, 0.2112

Previews

White Background



This preview shows how the Yxy color 73.7254, 0.3452, 0.3479 looks on a white background.

Color Contrast Check

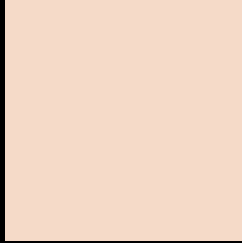
Large Text (above 18pt) WCAG AA × Fail

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 73.7254, 0.3452, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

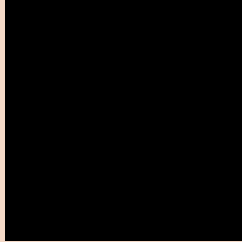
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7254, 0.3452, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 73.7254, 0.3452, 0.3479.

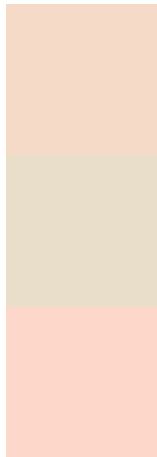


This preview shows how white text looks on a background with the Yxy color 73.7254, 0.3452, 0.3479.

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

73.7254, 0.3452, 0.3479

Protanopia

73.6626, 0.3334, 0.3506

Deuteranopia

73.7006, 0.3512, 0.3435



Tritanopia

73.9460, 0.3274, 0.3128

Trichromacy



Original Color

73.7254, 0.3452, 0.3479

Protanomaly

73.9345, 0.3380, 0.3504

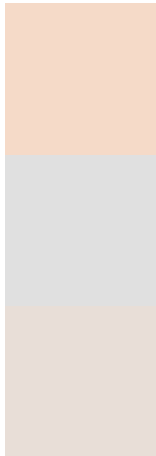
Deuteranomaly

73.6528, 0.3487, 0.3446

Tritanomaly

73.6718, 0.3343, 0.3250

Monochromacy



Original Color

73.7254, 0.3452, 0.3479

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.3047, 0.3245, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7254, 0.3452, 0.3479 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(245, 218, 200)` looks like.

```
.text, #text, p{  
    color:rgb(245, 218, 200)  
}
```

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(245, 218, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 218, 200) }
```

Border

The CSS property to change the border of an element to Yxy 73.7254, 0.3452, 0.3479 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(245, 218, 200) }
```

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

```
.border{ border-color:rgb(245, 218, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 218, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 218, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 218, 200);  
box-shadow:4px 4px 4px 4px rgb(245, 218,  
200) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.7254, 0.3452, 0.3479$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 218, 200) }
```

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

```
.background{ background-color: rgb(245,  
218, 200) }
```

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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