

Converting Colors

$Y_{xy}(100.0000, 0.4417, 0.3604)$

Have a look what the booklet for
Yxy(100.0000, 0.4417, 0.3604)
contains.

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Color

Yxy(75.1374, 0.3685, 0.3712)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBB2
RGB	255, 219, 178
RGB Percent	100%, 86%, 70%
CMY	0.0002, 0.1411, 0.3020
CMYK	0.00, 0.14, 0.30, 0.00
HSL	32°, 100%, 85%
HSV	32°, 30%, 100%
XYZ	74.5909, 75.1374, 52.6893
YIQ	225.0900, 34.6170, -5.1190

Conversions

Conversions Part 2

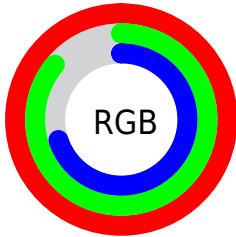
Format	Color
RYB	246, 255, 178
Decimal	16767922
CIELab	89.46, 6.64, 24.80
CIELCh	89, 25.678, 75.016
Yxy	75.1374, 0.3685, 0.3712
Android (android.graphics.Color)	4294958002 (0xFFFFDDB2)
YUV	225.0900, -23.2154, 26.2311
Hunter-Lab	86.6818, 1.9084, 24.6380

Details

The Yxy color $75.1374, 0.3685, 0.3712$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $64.7290, 0.2638, 0.2826$, and the grayscale version is $75.5127, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7205, 0.3250, 0.3493$, and $39.9019, 0.3813, 0.3804$ is the 20% darker color. If you saturate the color by 10%, you get $68.2205, 0.3915, 0.3856$, and if you desaturate by 10%, it is $82.6953, 0.3477, 0.3567$.

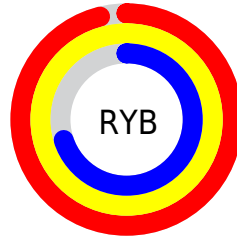
Distribution



Red (100%)

Green (86%)

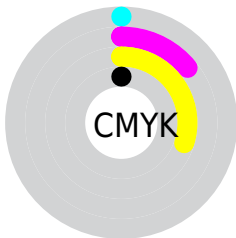
Blue (70%)



Red (96%)

Yellow (100%)

Blue (70%)

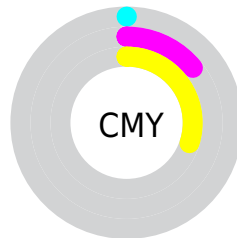


Cyan (0%)

Magenta (14%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1374, 0.3685, 0.3712 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 75.1374, 0.3685, 0.3712 by changing the saturation by 10% instead.


 75.1374, 0.3685,
0.3712

 75.1374, 0.3685,
0.3712


478.3897, 0.3428,
0.3523

 55.7255, 0.3743,
0.3753


 126.5068, 0.3596,
0.3648

 39.9829, 0.3814,
0.3804


159.2331, 0.3562,
0.3622

 27.5252, 0.3903,
0.3865


197.1663, 0.3532,
0.3600

 17.9680, 0.4018,
0.3943

240.6908, 0.3506,
0.3581

 10.9270, 0.4171,
0.4042

290.1910, 0.3483,
0.3564

 6.0178, 0.4380,
0.4170

346.0513, 0.3462,

 2.8559, 0.4707,

0.3549

0.4360

408.6561, 0.3444,
0.3535

■ 1.0570, 0.5313,
0.4687

■ 0.0000, 1.0000,
0.0000

■ 75.1374, 0.3685,
0.3712

■ 75.1374, 0.3685,
0.3712

■ 68.2205, 0.3915,
0.3856

■ 82.6953, 0.3477,
0.3567

■ 61.9146, 0.4165,
0.3990

■ 90.9027, 0.3293,
0.3426

■ 56.2020, 0.4426,
0.4105

■ 99.7806, 0.3130,
0.3292

■ 51.0600, 0.4689,
0.4188

■ 99.9888, 0.3127,
0.3290

■ 46.4634, 0.4938,
0.4226

■ 42.3839, 0.5158,
0.4210

■ 38.8426, 0.5337,
0.4145

Harmonies

Analogous

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



75.1374, 0.3734, 0.3493



75.1374, 0.3685, 0.3712



75.1374, 0.3483, 0.3830

Triad

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



75.1374, 0.3685, 0.3712



75.1374, 0.2663, 0.3316



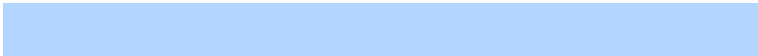
75.1374, 0.3039, 0.2843

Complementary

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



75.1374, 0.3685, 0.3712



64.7290, 0.2638, 0.2826

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.



75.1374, 0.2765, 0.2785



75.1374, 0.3685, 0.3712



75.1374, 0.2557, 0.3040

Square

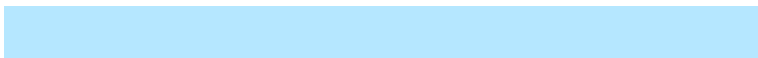
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1374, 0.3685, 0.3712



75.1374, 0.2892, 0.3601



75.1374, 0.2593, 0.2851



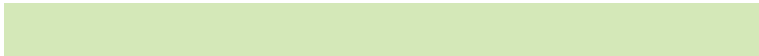
75.1374, 0.3350, 0.3006

Rectangle

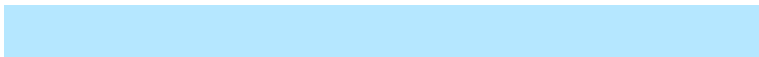
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1374, 0.3685, 0.3712



75.1374, 0.3294, 0.3825



75.1374, 0.2593, 0.2851



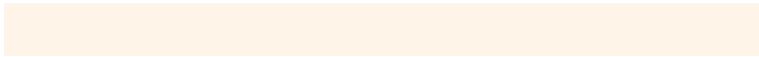
75.1374, 0.2940, 0.2811

Sweetspot

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



75.1409, 0.3685, 0.3712



91.9640, 0.3272, 0.3410



58.0049, 0.3482, 0.2909



19.4170, 0.3297, 0.3430



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.



75.1409, 0.3685, 0.3712



71.0749, 0.3816, 0.3796



95.7029, 0.3576, 0.4049



19.5911, 0.3281, 0.3417



20.6086, 0.5313, 0.4163



2.2254, 0.5150, 0.4293

Inverse Universe

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



64.7290, 0.2638, 0.2826



59.1930, 0.2540, 0.2720



48.6736, 0.2599, 0.2404



18.7755, 0.2979, 0.3160



10.9615, 0.1740, 0.1464



1.2835, 0.1800, 0.1678

Previews

White Background



This preview shows how the Yxy color 75.1374, 0.3685, 0.3712 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 75.1374, 0.3685, 0.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

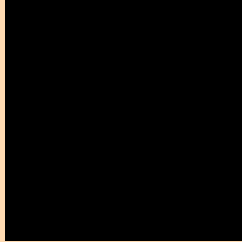
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.1374, 0.3685, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 75.1374, 0.3685, 0.3712.



This preview shows how white text looks on a background with the Yxy color 75.1374, 0.3685, 0.3712.

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

75.1374, 0.3685, 0.3712

Protanopia

75.5373, 0.3526, 0.3759

Deuteranopia

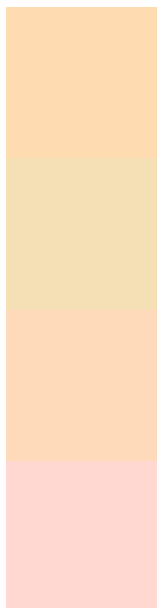
75.1205, 0.3601, 0.3578



Tritanopia

74.9546, 0.3332, 0.3150

Trichromacy



Original Color

75.1374, 0.3685, 0.3712

Protanomaly

75.4831, 0.3584, 0.3742

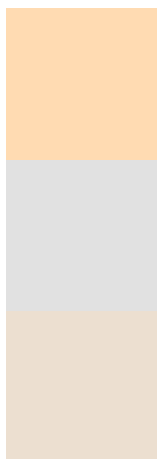
Deuteranomaly

74.9480, 0.3630, 0.3619

Tritanomaly

75.0249, 0.3459, 0.3352

Monochromacy



Original Color

75.1374, 0.3685, 0.3712

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.1623, 0.3321, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1374, 0.3685, 0.3712 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, 219, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 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, 219, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 178) }
```

Border

The CSS property to change the border of an element to Yxy 75.1374, 0.3685, 0.3712 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, 219, 178) }
```

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

```
.border{ border-color:rgb(255, 219, 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, 219, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 219, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 219, 178); box-shadow:4px 4px 4px 4px rgb(255, 219, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1374, 0.3685, 0.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 178) }
```

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

```
.background{ background-color: rgb(255,  
219, 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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