

Converting Colors

$Y_{xy}(75.7596, 0.3633, 0.3646)$

Have a look what the booklet for
Yxy(75.7596, 0.3633, 0.3646)
contains.

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Color

Yxy(75.9492, 0.3632, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCB9
RGB	255, 220, 185
RGB Percent	100%, 86%, 73%
CMY	0.0000, 0.1373, 0.2744
CMYK	0.00, 0.14, 0.27, 0.00
HSL	30°, 100%, 86%
HSV	30°, 27%, 100%
XYZ	75.5954, 75.9492, 56.5925
YIQ	226.4750, 32.0950, -3.4650

Conversions

Conversions Part 2

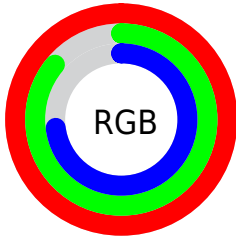
Format	Color
R _Y B	255, 255, 185
Decimal	16768185
CIE Lab	89.84, 7.07, 21.67
CIE LCh	90, 22.795, 71.935
Yxy	75.9492, 0.3632, 0.3649
Android (android.graphics.Color)	4294958265 (0xFFFFDCB9)
YUV	226.4750, -20.4472, 25.0164
Hunter-Lab	87.1488, 2.3255, 22.5026

Details

The Yxy color **75.9492, 0.3632, 0.3649** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.7429, 0.2687, 0.2901**, and the grayscale version is **76.5508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **40.4465, 0.3743, 0.3725** is the 20% darker color. If you saturate the color by 10%, you get **68.5260, 0.3862, 0.3785**, and if you desaturate by 10%, it is **84.0800, 0.3427, 0.3513**.

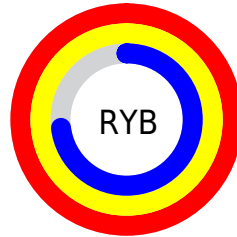
Distribution



Red (100%)

Green (86%)

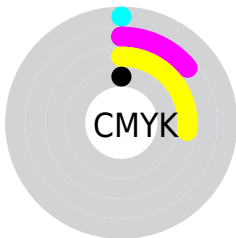
Blue (73%)



Red (100%)

Yellow (100%)

Blue (73%)

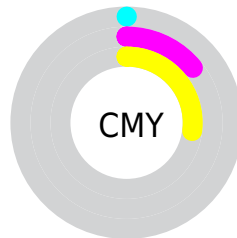


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (14%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.9492, 0.3632, 0.3649 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 75.9492, 0.3632, 0.3649 by changing the saturation by 10% instead.


 75.9492, 0.3632,
0.3649

 75.9492, 0.3632,
0.3649


481.1738, 0.3399,
0.3488

 56.3909, 0.3685,
0.3684


 127.6551, 0.3552,
0.3594

 40.5164, 0.3749,
0.3727


160.5714, 0.3520,
0.3573

 27.9414, 0.3831,
0.3780


198.7092, 0.3493,
0.3554

 18.2815, 0.3936,
0.3846

242.4529, 0.3470,
0.3538

 11.1523, 0.4076,
0.3932

292.1867, 0.3449,
0.3523

 6.1693, 0.4272,
0.4045

348.2953, 0.3430,

 2.9483, 0.4559,

0.3510

0.4194

411.1628, 0.3414,
0.3499

■ 1.1048, 0.5334,
0.4666

■ 0.0000, 1.0000,
0.0000

■ 75.9492, 0.3632,
0.3649

■ 75.9492, 0.3632,
0.3649

■ 68.5260, 0.3862,
0.3785

■ 84.0800, 0.3427,
0.3513

■ 61.7835, 0.4116,
0.3915

■ 92.9337, 0.3246,
0.3383

■ 55.7004, 0.4387,
0.4029

100.0000, 0.3127,
0.3290

■ 50.2521, 0.4666,
0.4115

■ 45.4116, 0.4938,
0.4159

■ 41.1490, 0.5184,
0.4150

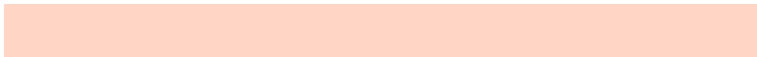
■ 37.4285, 0.5388,
0.4086

■ 36.5524, 0.5437,
0.4065

Harmonies

Analogous

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



75.9492, 0.3658, 0.3450



75.9492, 0.3632, 0.3649



75.9492, 0.3467, 0.3763

Triad

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



75.9492, 0.3632, 0.3649



75.9492, 0.2732, 0.3341



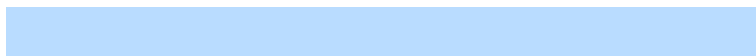
75.9492, 0.3022, 0.2882

Complementary

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



75.9492, 0.3632, 0.3649



68.7429, 0.2687, 0.2901

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.



75.9492, 0.2785, 0.2842



75.9492, 0.3632, 0.3649



75.9492, 0.2624, 0.3093

Square

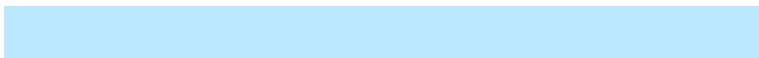
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9492, 0.3632, 0.3649



75.9492, 0.2945, 0.3586



75.9492, 0.2643, 0.2914



75.9492, 0.3298, 0.3019

Rectangle

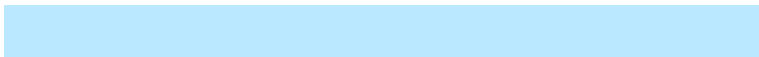
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.9492, 0.3632, 0.3649



75.9492, 0.3303, 0.3766



75.9492, 0.2643, 0.2914



75.9492, 0.2936, 0.2856

Sweetspot

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



75.9509, 0.3632, 0.3649



92.4160, 0.3256, 0.3390



61.2027, 0.3422, 0.2922



19.4870, 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.



75.9509, 0.3632, 0.3649



71.7352, 0.3757, 0.3725



95.5425, 0.3546, 0.3968



19.4870, 0.3282, 0.3409



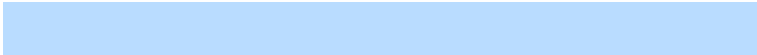
19.3980, 0.5411, 0.4085



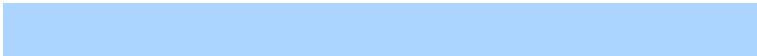
2.1071, 0.5235, 0.4225

Inverse Universe

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



68.7429, 0.2687, 0.2901



63.4220, 0.2595, 0.2809



52.7410, 0.2648, 0.2508



18.8792, 0.2979, 0.3168



12.0784, 0.1771, 0.1574



1.3944, 0.1828, 0.1780

Previews

White Background



This preview shows how the Yxy color 75.9492, 0.3632, 0.3649 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 75.9492, 0.3632, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

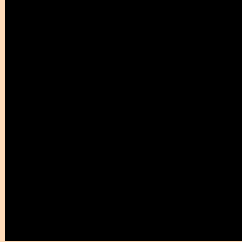
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.9492, 0.3632, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 75.9492, 0.3632, 0.3649.



This preview shows how white text looks on a background with the Yxy color 75.9492, 0.3632, 0.3649.

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

75.9492, 0.3632, 0.3649

Protanopia

76.3743, 0.3476, 0.3694

Deuteranopia

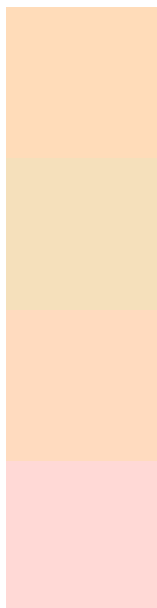
75.8632, 0.3562, 0.3536



Tritanopia

76.0849, 0.3316, 0.3151

Trichromacy



Original Color

75.9492, 0.3632, 0.3649

Protanomaly

76.3116, 0.3532, 0.3678

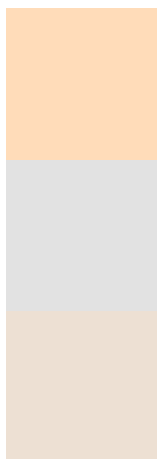
Deuteranomaly

75.6846, 0.3591, 0.3578

Tritanomaly

75.7407, 0.3429, 0.3321

Monochromacy



Original Color

75.9492, 0.3632, 0.3649

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.0190, 0.3307, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9492, 0.3632, 0.3649 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, 220, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 185)  
}
```

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, 220, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 185) }
```

Border

The CSS property to change the border of an element to Yxy 75.9492, 0.3632, 0.3649 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, 220, 185) }
```

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

```
.border{ border-color:rgb(255, 220, 185) }
```

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

Here you see how a box with a 4 pixel rgb(255, 220, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9492, 0.3632, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 185) }
```

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

```
.background{ background-color: rgb(255,  
220, 185) }
```

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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