

Converting Colors

$Y_{xy}(75.7882, 0.3648, 0.3739)$

Have a look what the booklet for
Yxy(75.7882, 0.3648, 0.3739)
contains.

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Color

Yxy(75.9661, 0.3646, 0.3746)

Conversions

Conversions Part 1

Format	Color
Hex	FBDEB2
RGB	251, 222, 178
RGB Percent	98%, 87%, 70%
CMY	0.0157, 0.1294, 0.3019
CMYK	0.00, 0.12, 0.29, 0.02
HSL	36°, 90%, 84%
HSV	36°, 29%, 98%
XYZ	73.9382, 75.9661, 52.8883
YIQ	225.6550, 31.4080, -7.5360

Conversions

Conversions Part 2

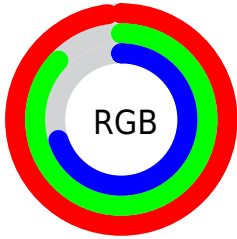
Format	Color
R _Y B	226, 251, 178
Decimal	16506546
CIE Lab	89.84, 3.62, 25.27
CIE LCh	90, 25.532, 81.838
Yxy	75.9661, 0.3646, 0.3746
Android (android.graphics.Color)	4294696626 (0xFFFBDEB2)
YUV	225.6550, -23.4939, 22.2276
Hunter-Lab	87.1585, -1.1026, 25.0335

Details

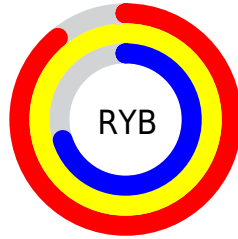
The Yxy color **75.9661, 0.3646, 0.3746** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.0492, 0.2651, 0.2786**, and the grayscale version is **75.9485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **40.5874, 0.3770, 0.3847** is the 20% darker color. If you saturate the color by 10%, you get **69.9129, 0.3860, 0.3907**, and if you desaturate by 10%, it is **82.5237, 0.3449, 0.3584**.

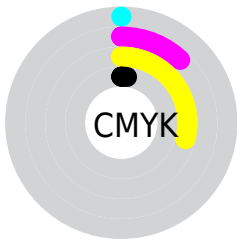
Distribution



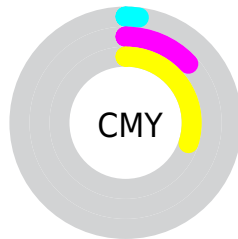
- Red (98%)
- Green (87%)
- Blue (70%)



- Red (89%)
- Yellow (98%)
- Blue (70%)



- Cyan (0%)
- Magenta (12%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9661, 0.3646, 0.3746 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 75.9661, 0.3646, 0.3746 by changing the saturation by 10% instead.


 75.9661, 0.3646,
0.3746

 75.9661, 0.3646,
0.3746


481.2316, 0.3408,
0.3540

 56.4047, 0.3699,
0.3792


 127.6790, 0.3564,
0.3676

 40.5275, 0.3765,
0.3847


160.5993, 0.3532,
0.3648

 27.9501, 0.3847,
0.3915


198.7413, 0.3504,
0.3624

 18.2880, 0.3951,
0.4002

242.4895, 0.3480,
0.3603

 11.1570, 0.4089,
0.4114

292.2282, 0.3459,
0.3584

 6.1725, 0.4278,
0.4262

348.3419, 0.3440,

 2.9503, 0.4568,

0.3568

0.4483

411.2149, 0.3423,
0.3553

■ 1.1058, 0.5113,
0.4887

■ 0.0000, 1.0000,
0.0000

■ 75.9661, 0.3646,
0.3746

■ 75.9661, 0.3646,
0.3746

■ 69.9129, 0.3860,
0.3907

■ 82.5237, 0.3449,
0.3584

■ 64.3382, 0.4088,
0.4059

■ 89.5897, 0.3272,
0.3426

■ 59.2289, 0.4324,
0.4192

■ 97.1815, 0.3113,
0.3277

■ 54.5672, 0.4556,
0.4294

■ 99.2472, 0.3102,
0.3290

■ 50.3331, 0.4773,
0.4352

■ 46.5041, 0.4962,
0.4359

■ 43.0490, 0.5117,
0.4314

■ 42.7461, 0.5130,
0.4309

Harmonies

Analogous

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



75.9661, 0.3732, 0.3546



75.9661, 0.3646, 0.3746



75.9661, 0.3419, 0.3832

Triad

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



75.9661, 0.3646, 0.3746



75.9661, 0.2632, 0.3249



75.9661, 0.3110, 0.2875

Complementary

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



75.9661, 0.3646, 0.3746



61.0492, 0.2651, 0.2786

Split Complementary

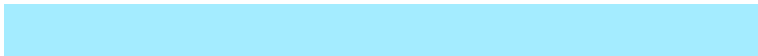
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9661, 0.2823, 0.2792



75.9661, 0.3646, 0.3746



75.9661, 0.2557, 0.2990

Square

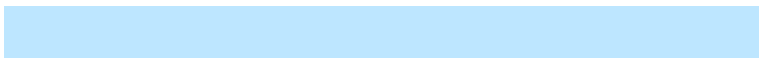
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9661, 0.3646, 0.3746



75.9661, 0.2834, 0.3538



75.9661, 0.2625, 0.2829



75.9661, 0.3414, 0.3056

Rectangle

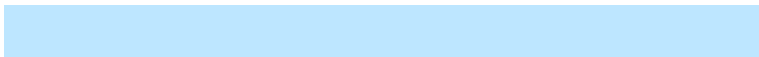
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.9661, 0.3646, 0.3746



75.9661, 0.3223, 0.3801



75.9661, 0.2625, 0.2829



75.9661, 0.3008, 0.2835

Sweetspot

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



75.9696, 0.3646, 0.3746



92.9320, 0.3271, 0.3425



56.8656, 0.3517, 0.2986



19.6556, 0.3295, 0.3448



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.



75.9696, 0.3646, 0.3746



74.9604, 0.3772, 0.3842



91.3798, 0.3518, 0.4031



18.9664, 0.3279, 0.3433



22.7638, 0.5111, 0.4324



2.3153, 0.4971, 0.4435

Inverse Universe

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



61.0492, 0.2651, 0.2786



57.1614, 0.2547, 0.2664



49.1604, 0.2664, 0.2452



17.7739, 0.2979, 0.3143



8.6835, 0.1681, 0.1252



1.0048, 0.1746, 0.1486

Previews

White Background



This preview shows how the Yxy color 75.9661, 0.3646, 0.3746 looks on a white background.

Color Contrast Check

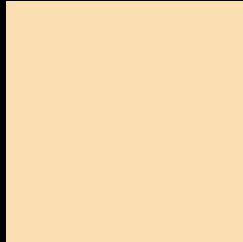
Large Text (above 18pt) WCAG AA × Fail

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 75.9661, 0.3646, 0.3746 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 75.9661, 0.3646, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 75.9661, 0.3646, 0.3746.



This preview shows how white text looks on a background with the Yxy color 75.9661, 0.3646, 0.3746.

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

75.9661, 0.3646, 0.3746

Protanopia

76.2133, 0.3538, 0.3778

Deuteranopia

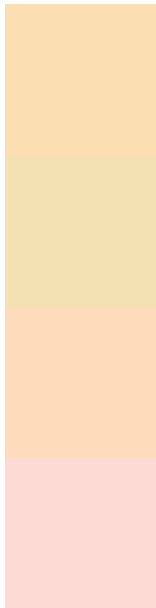
75.7288, 0.3584, 0.3567



Tritanopia

76.1413, 0.3309, 0.3141

Trichromacy



Original Color

75.9661, 0.3646, 0.3746

Protanomaly

76.3382, 0.3578, 0.3774

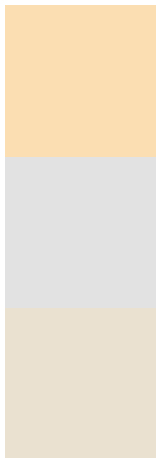
Deuteranomaly

75.8451, 0.3610, 0.3630

Tritanomaly

75.9671, 0.3434, 0.3352

Monochromacy



Original Color

75.9661, 0.3646, 0.3746

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.1160, 0.3304, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9661, 0.3646, 0.3746 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(251, 222, 178)` looks like.

```
.text, #text, p{  
    color:rgb(251, 222, 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(251, 222, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 222, 178) }
```

Border

The CSS property to change the border of an element to Yxy 75.9661, 0.3646, 0.3746 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(251, 222, 178) }
```

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

```
.border{ border-color:rgb(251, 222, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 222, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 222, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 222, 178);  
box-shadow:4px 4px 4px 4px rgb(251, 222,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9661, 0.3646, 0.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 222, 178) }
```

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

```
.background{ background-color: rgb(251,  
222, 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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