

Converting Colors

$Y_{xy}(88.1581, 0.4138, 0.3528)$

Have a look what the booklet for
Yxy(88.1581, 0.4138, 0.3528)
contains.

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Color

Yxy(73.4487, 0.3631, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7BB
RGB	255, 215, 187
RGB Percent	100%, 84%, 73%
CMY	0.0000, 0.1569, 0.2667
CMYK	0.00, 0.16, 0.27, 0.00
HSL	25°, 100%, 87%
HSV	25°, 27%, 100%
XYZ	74.5159, 73.4487, 57.2567
YIQ	223.7680, 32.8280, -0.2280

Conversions

Conversions Part 2

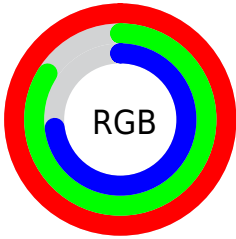
Format	Color
R _Y B	255, 235, 187
Decimal	16766907
CIE Lab	88.66, 9.92, 19.02
CIE LCh	89, 21.449, 62.466
Yxy	73.4487, 0.3631, 0.3579
Android (android.graphics.Color)	4294956987 (0xFFFFD7BB)
YUV	223.7680, -18.1266, 27.3905
Hunter-Lab	85.7022, 5.2222, 20.3805

Details

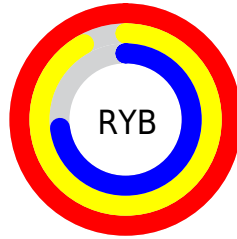
The Yxy color **73.4487, 0.3631, 0.3579** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72.7173, 0.2706, 0.2982**, and the grayscale version is **74.4786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **38.7332, 0.3744, 0.3635** is the 20% darker color. If you saturate the color by 10%, you get **65.1588, 0.3875, 0.3693**, and if you desaturate by 10%, it is **82.6299, 0.3418, 0.3466**.

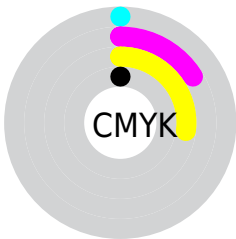
Distribution



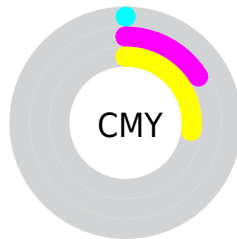
- Red (100%)
- Green (84%)
- Blue (73%)



- Red (100%)
- Yellow (92%)
- Blue (73%)



- Cyan (0%)
- Magenta (16%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4487, 0.3631, 0.3579 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 73.4487, 0.3631, 0.3579 by changing the saturation by 10% instead.


 73.4487, 0.3631,
0.3579

 73.4487, 0.3631,
0.3579

472.5685, 0.3397,
0.3450

 54.3429, 0.3685,
0.3607


 124.1140, 0.3550,
0.3535

 38.8759, 0.3751,
0.3641


156.4423, 0.3518,
0.3518

 26.6632, 0.3834,
0.3683


193.9469, 0.3491,
0.3503

 17.3204, 0.3943,
0.3736

237.0123, 0.3467,
0.3490

 10.4632, 0.4091,
0.3803

286.0227, 0.3446,
0.3478

 5.7072, 0.4300,
0.3891

341.3626, 0.3428,

 2.6678, 0.4615,

0.3468

0.4004

403.4164, 0.3411,
0.3458

0.9609, 0.5540,
0.4460

0.0000, 1.0000,
0.0000

73.4487, 0.3631,
0.3579

73.4487, 0.3631,
0.3579

65.1588, 0.3875,
0.3693

82.6299, 0.3418,
0.3466

57.7356, 0.4150,
0.3801

92.7343, 0.3235,
0.3358

51.1468, 0.4453,
0.3896

100.0000, 0.3127,
0.3290

45.3597, 0.4772,
0.3964

■ 40.3386, 0.5089,
0.3992

■ 36.0444, 0.5381,
0.3970

■ 32.4322, 0.5624,
0.3892

■ 31.3661, 0.5696,
0.3859

Harmonies

Analogous

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



73.4487, 0.3610, 0.3375



73.4487, 0.3631, 0.3579



73.4487, 0.3512, 0.3718

Triad

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



73.4487, 0.3631, 0.3579



73.4487, 0.2806, 0.3416



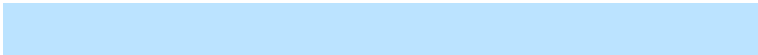
73.4487, 0.2950, 0.2877

Complementary

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



73.4487, 0.3631, 0.3579



72.7173, 0.2706, 0.2982

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.



73.4487, 0.2747, 0.2873



73.4487, 0.3631, 0.3579



73.4487, 0.2667, 0.3173

Square

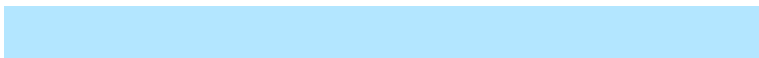
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4487, 0.3631, 0.3579



73.4487, 0.3033, 0.3631



73.4487, 0.2646, 0.2976



73.4487, 0.3207, 0.2981

Rectangle

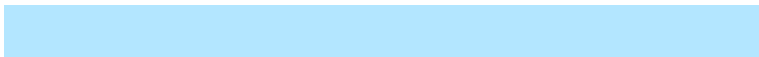
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4487, 0.3631, 0.3579



73.4487, 0.3372, 0.3749



73.4487, 0.2646, 0.2976



73.4487, 0.2873, 0.2864

Sweetspot

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



73.4473, 0.3631, 0.3579



91.3369, 0.3258, 0.3372



62.3865, 0.3366, 0.2877



19.2157, 0.3284, 0.3388



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.



73.4473, 0.3631, 0.3579



68.9205, 0.3757, 0.3640



92.1047, 0.3548, 0.3898



19.2157, 0.3284, 0.3388



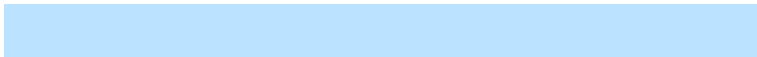
16.6663, 0.5667, 0.3882



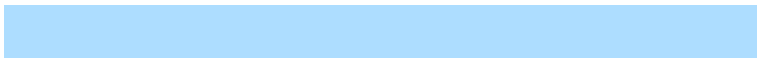
1.8317, 0.5462, 0.4045

Inverse Universe

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



72.7173, 0.2706, 0.2982



68.0718, 0.2622, 0.2910



56.2741, 0.2669, 0.2599



19.1537, 0.2979, 0.3190



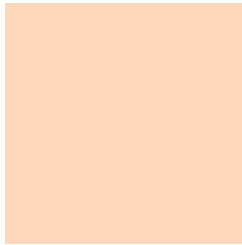
15.4692, 0.1855, 0.1878



1.7216, 0.1904, 0.2055

Previews

White Background



This preview shows how the Yxy color 73.4487, 0.3631, 0.3579 looks on a white background.

Color Contrast Check

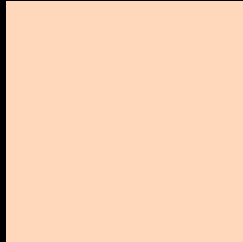
Large Text (above 18pt) WCAG AA × Fail

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 73.4487, 0.3631, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

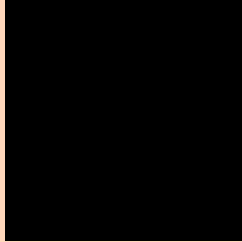
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4487, 0.3631, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 73.4487, 0.3631, 0.3579.



This preview shows how white text looks on a background with the Yxy color 73.4487, 0.3631, 0.3579.

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

73.4487, 0.3631, 0.3579

Protanopia

73.4966, 0.3425, 0.3625

Deuteranopia

73.5350, 0.3616, 0.3558



Tritanopia

73.2848, 0.3358, 0.3150

Trichromacy



Original Color

73.4487, 0.3631, 0.3579

Protanomaly

73.2580, 0.3499, 0.3598

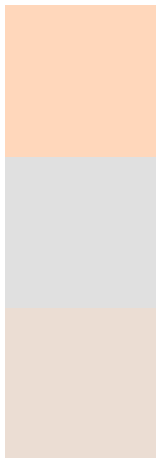
Deuteranomaly

73.4917, 0.3623, 0.3569

Tritanomaly

73.0501, 0.3459, 0.3301

Monochromacy



Original Color

73.4487, 0.3631, 0.3579

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.0782, 0.3296, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4487, 0.3631, 0.3579 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, 215, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 187)  
}
```

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, 215, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 187) }
```

Border

The CSS property to change the border of an element to Yxy 73.4487, 0.3631, 0.3579 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, 215, 187) }
```

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

```
.border{ border-color:rgb(255, 215, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4487, 0.3631, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 187) }
```

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

```
.background{ background-color: rgb(255,  
215, 187) }
```

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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