

Converting Colors

$Yxy(73.4968, 0.3629, 0.3596)$

Have a look what the booklet for
Yxy(73.4968, 0.3629, 0.3596)
contains.

Yxy(73.7277, 0.3628, 0.3600)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.7277, 0.3628, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	FED8BA
RGB	254, 216, 186
RGB Percent	100%, 85%, 73%
CMY	0.0038, 0.1530, 0.2706
CMYK	0.00, 0.15, 0.27, 0.00
HSL	26°, 97%, 86%
HSV	26°, 27%, 100%
XYZ	74.3011, 73.7277, 56.7703
YIQ	223.9420, 32.2780, -1.2740

Conversions

Conversions Part 2

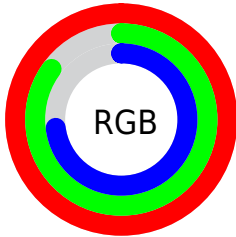
Format	Color
R _Y B	254, 240, 186
Decimal	16701626
CIE Lab	88.79, 8.90, 19.71
CIE LCh	89, 21.624, 65.691
Yxy	73.7277, 0.3628, 0.3600
Android (android.graphics.Color)	4294891706 (0xFF FED8BA)
YUV	223.9420, -18.7054, 26.3609
Hunter-Lab	85.8648, 4.1974, 20.9053

Details

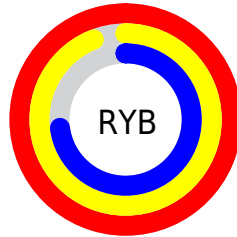
The Yxy color **73.7277, 0.3628, 0.3600** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70.9326, 0.2703, 0.2958**, and the grayscale version is **74.6208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **38.9190, 0.3740, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **65.7784, 0.3867, 0.3721**, and if you desaturate by 10%, it is **82.5050, 0.3418, 0.3480**.

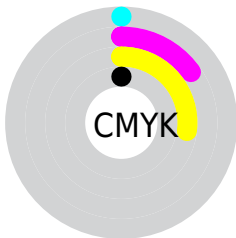
Distribution



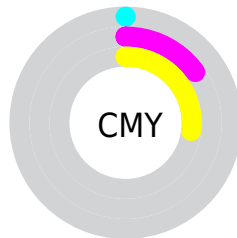
- Red (100%)
- Green (85%)
- Blue (73%)



- Red (100%)
- Yellow (94%)
- Blue (73%)



- Cyan (0%)
- Magenta (15%)
- Yellow (27%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7277, 0.3628, 0.3600 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 73.7277, 0.3628, 0.3600 by changing the saturation by 10% instead.

 73.7277, 0.3628,
0.3600

 73.7277, 0.3628,
0.3600


473.5330, 0.3395,
0.3461

 54.5712, 0.3681,
0.3630


 124.5097, 0.3547,
0.3553

 39.0585, 0.3747,
0.3667


156.9040, 0.3516,
0.3534

 26.8053, 0.3829,
0.3713


194.4798, 0.3489,
0.3518

 17.4270, 0.3937,
0.3770

237.6213, 0.3465,
0.3504

 10.5394, 0.4082,
0.3844

286.7129, 0.3445,
0.3491

 5.7580, 0.4287,
0.3940

342.1392, 0.3426,

 2.6985, 0.4595,

0.3480

0.4067

404.2844, 0.3410,
0.3470

0.9764, 0.5472,
0.4528

0.0000, 1.0000,
0.0000

73.7277, 0.3628,
0.3600

73.7277, 0.3628,
0.3600

65.7784, 0.3867,
0.3721

82.5050, 0.3418,
0.3480

58.6211, 0.4135,
0.3837

92.1249, 0.3236,
0.3364

52.2314, 0.4427,
0.3939

99.8172, 0.3121,
0.3290

46.5798, 0.4732,
0.4013

■ 41.6345, 0.5035,
0.4047

■ 37.3599, 0.5313,
0.4030

■ 33.7155, 0.5544,
0.3957

■ 32.6625, 0.5611,
0.3926

Harmonies

Analogous

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



73.7277, 0.3622, 0.3399



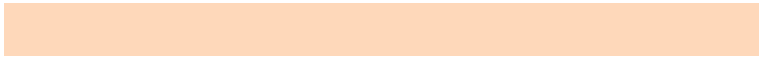
73.7277, 0.3628, 0.3600



73.7277, 0.3495, 0.3730

Triad

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



73.7277, 0.3628, 0.3600



73.7277, 0.2784, 0.3391



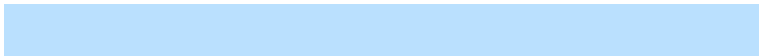
73.7277, 0.2975, 0.2881

Complementary

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



73.7277, 0.3628, 0.3600



70.9326, 0.2703, 0.2958

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.



73.7277, 0.2762, 0.2865



73.7277, 0.3628, 0.3600



73.7277, 0.2656, 0.3148

Square

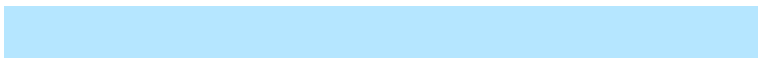
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7277, 0.3628, 0.3600



73.7277, 0.3005, 0.3614



73.7277, 0.2648, 0.2958



73.7277, 0.3236, 0.2996

Rectangle

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



73.7277, 0.3628, 0.3600



73.7277, 0.3348, 0.3751



73.7277, 0.2648, 0.2958



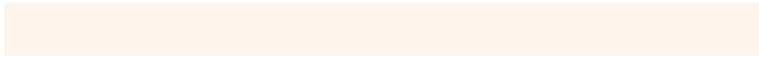
73.7277, 0.2895, 0.2864

Sweetspot

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



73.7311, 0.3628, 0.3600



91.6917, 0.3257, 0.3378



61.6086, 0.3386, 0.2898



19.3048, 0.3283, 0.3395



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.



73.7311, 0.3628, 0.3600



70.0763, 0.3749, 0.3664



92.6826, 0.3544, 0.3921



19.3048, 0.3283, 0.3395



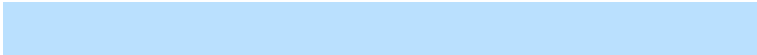
17.4975, 0.5584, 0.3949



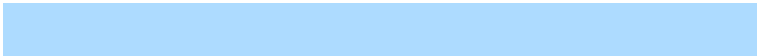
1.9170, 0.5387, 0.4105

Inverse Universe

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



70.9326, 0.2703, 0.2958



66.8276, 0.2619, 0.2882



54.6584, 0.2665, 0.2570



19.0628, 0.2979, 0.3183



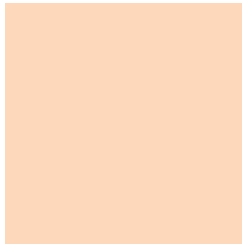
14.2757, 0.1827, 0.1776



1.6078, 0.1879, 0.1963

Previews

White Background



This preview shows how the Yxy color 73.7277, 0.3628, 0.3600 looks on a white background.

Color Contrast Check

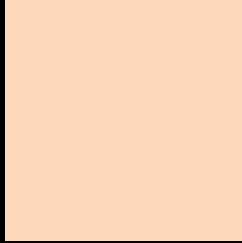
Large Text (above 18pt) WCAG AA × Fail

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 73.7277, 0.3628, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

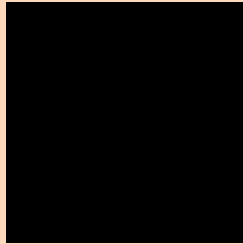
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7277, 0.3628, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 73.7277, 0.3628, 0.3600.



This preview shows how white text looks on a background with the Yxy color 73.7277, 0.3628, 0.3600.

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

73.7277, 0.3628, 0.3600

Protanopia

74.1116, 0.3445, 0.3656

Deuteranopia

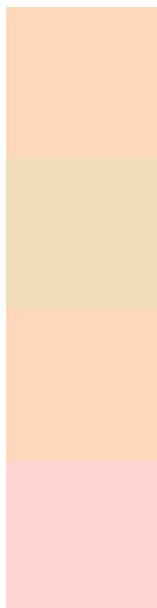
73.5786, 0.3608, 0.3548



Tritanopia

73.8380, 0.3349, 0.3150

Trichromacy



Original Color

73.7277, 0.3628, 0.3600

Protanomaly

73.6945, 0.3511, 0.3630

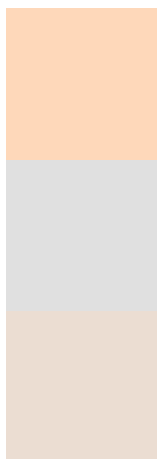
Deuteranomaly

73.5350, 0.3616, 0.3558

Tritanomaly

73.5516, 0.3457, 0.3311

Monochromacy



Original Color

73.7277, 0.3628, 0.3600

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.0282, 0.3303, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7277, 0.3628, 0.3600 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(254, 216, 186)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 186)  
}
```

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(254, 216, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 186) }
```

Border

The CSS property to change the border of an element to Yxy 73.7277, 0.3628, 0.3600 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(254, 216, 186) }
```

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

```
.border{ border-color:rgb(254, 216, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 216, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 186);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7277, 0.3628, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 216, 186) }
```

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

```
.background{ background-color: rgb(254,  
216, 186) }
```

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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