

Converting Colors

$Y_{xy}(72.7090, 0.3658, 0.3601)$

Have a look what the booklet for
Yxy(72.7090, 0.3658, 0.3601)
contains.

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Color

Yxy(72.8138, 0.3656, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6B8
RGB	255, 214, 184
RGB Percent	100%, 84%, 72%
CMY	0.0000, 0.1608, 0.2785
CMYK	0.00, 0.16, 0.28, 0.00
HSL	25°, 100%, 86%
HSV	25°, 28%, 100%
XYZ	73.9465, 72.8138, 55.5003
YIQ	222.8390, 34.0660, -0.6380

Conversions

Conversions Part 2

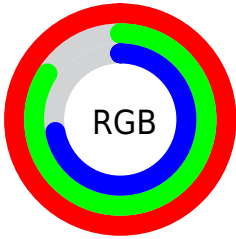
Format	Color
R _Y B	255, 236, 184
Decimal	16766648
CIE Lab	88.36, 10.04, 20.17
CIE LCh	88, 22.528, 63.529
Yxy	72.8138, 0.3656, 0.3600
Android (android.graphics.Color)	4294956728 (0xFFFFD6B8)
YUV	222.8390, -19.1476, 28.2052
Hunter-Lab	85.3310, 5.3559, 21.1688

Details

The Yxy color **72.8138, 0.3656, 0.3600** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71.2597, 0.2687, 0.2957**, and the grayscale version is **73.7883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **38.3053, 0.3778, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **64.7164, 0.3901, 0.3716**, and if you desaturate by 10%, it is **81.7722, 0.3441, 0.3484**.

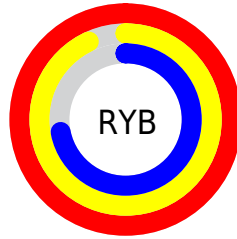
Distribution



Red (100%)

Green (84%)

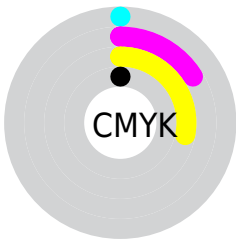
Blue (72%)



Red (100%)

Yellow (93%)

Blue (72%)

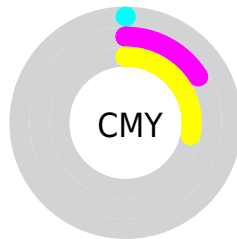


Cyan (0%)

Magenta (16%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8138, 0.3656, 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 72.8138, 0.3656, 0.3600 by changing the saturation by 10% instead.


 72.8138, 0.3656,
0.3600

 72.8138, 0.3656,
0.3600

470.3692, 0.3410,
0.3462

 53.8237, 0.3712,
0.3630


 123.2128, 0.3570,
0.3553

 38.4608, 0.3782,
0.3667


155.3906, 0.3537,
0.3534

 26.3405, 0.3870,
0.3712


192.7330, 0.3509,
0.3518

 17.0785, 0.3984,
0.3768

235.6245, 0.3484,
0.3504

 10.2905, 0.4139,
0.3840

284.4495, 0.3462,
0.3492

 5.5920, 0.4358,
0.3933

339.5924, 0.3442,

 2.5986, 0.4692,

0.3480

0.4055

401.4375, 0.3425,
0.3471

0.9260, 0.5556,
0.4444

0.0000, 1.0000,
0.0000

72.8138, 0.3656,
0.3600

72.8138, 0.3656,
0.3600

64.7164, 0.3901,
0.3716

81.7722, 0.3441,
0.3484

57.4603, 0.4177,
0.3827

91.6268, 0.3255,
0.3373

51.0128, 0.4478,
0.3921

100.0000, 0.3127,
0.3290

45.3421, 0.4793,
0.3988

■ 40.4134, 0.5104,
0.4013

■ 36.1884, 0.5386,
0.3986

■ 32.6219, 0.5619,
0.3905

■ 31.9304, 0.5665,
0.3884

Harmonies

Analogous

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



72.8138, 0.3639, 0.3387



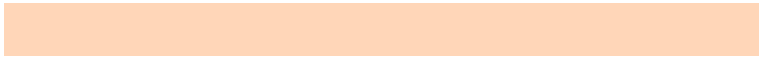
72.8138, 0.3656, 0.3600



72.8138, 0.3525, 0.3744

Triad

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



72.8138, 0.3656, 0.3600



72.8138, 0.2782, 0.3414



72.8138, 0.2949, 0.2859

Complementary

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



72.8138, 0.3656, 0.3600



71.2597, 0.2687, 0.2957

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.



72.8138, 0.2733, 0.2849



72.8138, 0.3656, 0.3600



72.8138, 0.2641, 0.3158

Square

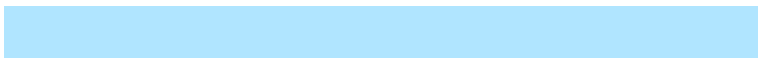
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8138, 0.3656, 0.3600



72.8138, 0.3018, 0.3643



72.8138, 0.2623, 0.2954



72.8138, 0.3221, 0.2971

Rectangle

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



72.8138, 0.3656, 0.3600



72.8138, 0.3376, 0.3774



72.8138, 0.2623, 0.2954



72.8138, 0.2868, 0.2843

Sweetspot

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



72.8110, 0.3656, 0.3600



91.4675, 0.3257, 0.3374



60.9974, 0.3389, 0.2870



19.2485, 0.3284, 0.3391



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.



72.8110, 0.3656, 0.3600



68.5321, 0.3779, 0.3660



92.5230, 0.3564, 0.3935



19.2485, 0.3284, 0.3391



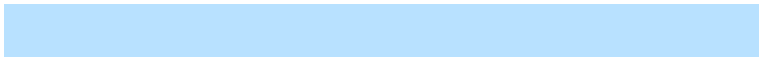
16.9647, 0.5636, 0.3907



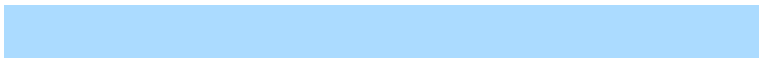
1.8625, 0.5434, 0.4067

Inverse Universe

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



71.2597, 0.2687, 0.2957



66.7570, 0.2605, 0.2886



54.1981, 0.2645, 0.2550



19.1201, 0.2979, 0.3187



15.0207, 0.1845, 0.1840



1.6790, 0.1895, 0.2021

Previews

White Background



This preview shows how the Yxy color 72.8138, 0.3656, 0.3600 looks on a white background.

Color Contrast Check

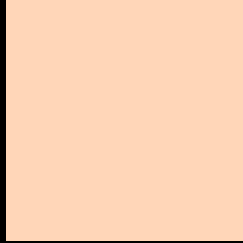
Large Text (above 18pt) WCAG AA × Fail

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 72.8138, 0.3656, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

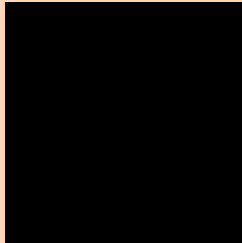
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8138, 0.3656, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 72.8138, 0.3656, 0.3600.



This preview shows how white text looks on a background with the Yxy color 72.8138, 0.3656, 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

72.8138, 0.3656, 0.3600

Protanopia

72.8362, 0.3448, 0.3647

Deuteranopia

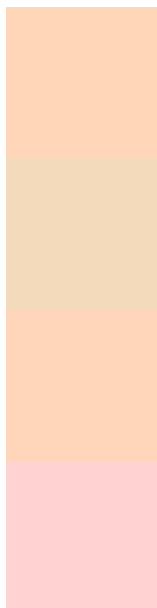
72.8983, 0.3641, 0.3579



Tritanopia

72.7350, 0.3366, 0.3150

Trichromacy



Original Color

72.8138, 0.3656, 0.3600

Protanomaly

72.6079, 0.3523, 0.3620

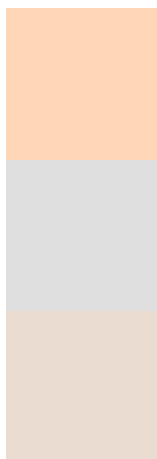
Deuteranomaly

72.8559, 0.3648, 0.3590

Tritanomaly

72.4520, 0.3476, 0.3311

Monochromacy



Original Color

72.8138, 0.3656, 0.3600

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.4520, 0.3311, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8138, 0.3656, 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(255, 214, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 184)  
}
```

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, 214, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 184) }
```

Border

The CSS property to change the border of an element to Yxy 72.8138, 0.3656, 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(255, 214, 184) }
```

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

```
.border{ border-color:rgb(255, 214, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8138, 0.3656, 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(255, 214, 184) }
```

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

```
.background{ background-color: rgb(255,  
214, 184) }
```

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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