

Converting Colors

$Y_{xy}(103.5991, 0.4498, 0.3473)$

Have a look what the booklet for
Yxy(103.5991, 0.4498, 0.3473)
contains.

Yxy(72.4793, 0.3628, 0.3549)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.4793, 0.3628, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5BC
RGB	255, 213, 188
RGB Percent	100%, 84%, 74%
CMY	0.0002, 0.1646, 0.2628
CMYK	0.00, 0.16, 0.26, 0.00
HSL	22°, 100%, 87%
HSV	22°, 26%, 100%
XYZ	74.0927, 72.4793, 57.6526
YIQ	222.7080, 33.0570, 1.1290

Conversions

Conversions Part 2

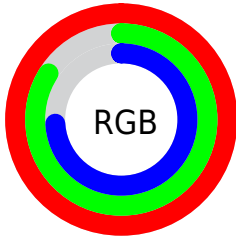
Format	Color
R _Y B	255, 228, 188
Decimal	16766396
CIE Lab	88.20, 11.03, 17.85
CIE LCh	88, 20.987, 58.279
Yxy	72.4793, 0.3628, 0.3549
Android (android.graphics.Color)	4294956476 (0xFFFFD5BC)
YUV	222.7080, -17.1110, 28.3201
Hunter-Lab	85.1348, 6.3624, 19.4436

Details

The Yxy color **72.4793, 0.3628, 0.3549** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.4386, 0.2716, 0.3015**, and the grayscale version is **73.6776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **38.0733, 0.3742, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **63.8407, 0.3877, 0.3653**, and if you desaturate by 10%, it is **82.1087, 0.3413, 0.3446**.

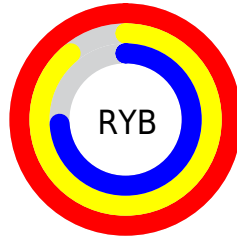
Distribution



Red (100%)

Green (84%)

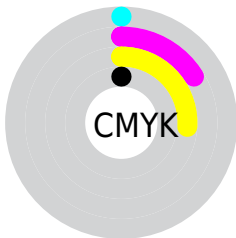
Blue (74%)



Red (100%)

Yellow (89%)

Blue (74%)

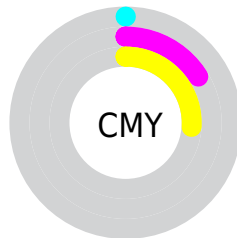


Cyan (0%)

Magenta (16%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4793, 0.3628, 0.3549 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 72.4793, 0.3628, 0.3549 by changing the saturation by 10% instead.


 72.4793, 0.3628,
0.3549

 72.4793, 0.3628,
0.3549


469.2082, 0.3394,
0.3434

 53.5503, 0.3682,
0.3574


 122.7377, 0.3547,
0.3510

 38.2423, 0.3748,
0.3604


154.8359, 0.3515,
0.3494

 26.1708, 0.3832,
0.3642


192.0927, 0.3488,
0.3481

 16.9514, 0.3942,
0.3688

234.8924, 0.3464,
0.3469

 10.1999, 0.4091,
0.3748

283.6193, 0.3444,
0.3459

 5.5317, 0.4305,
0.3825

338.6580, 0.3425,

 2.5625, 0.4630,

0.3449

0.3923

400.3928, 0.3409,
0.3441

0.9078, 0.5624,
0.4376

0.0000, 1.0000,
0.0000

72.4793, 0.3628,
0.3549

72.4793, 0.3628,
0.3549

63.8407, 0.3877,
0.3653

82.1087, 0.3413,
0.3446

56.1499, 0.4162,
0.3752

92.7500, 0.3228,
0.3348

49.3754, 0.4477,
0.3838

99.9881, 0.3127,
0.3290

43.4798, 0.4813,
0.3899

■ 38.4228, 0.5150,
0.3921

■ 34.1600, 0.5461,
0.3894

■ 30.6413, 0.5718,
0.3813

■ 29.4992, 0.5802,
0.3775

Harmonies

Analogous

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



72.4793, 0.3587, 0.3344



72.4793, 0.3628, 0.3549



72.4793, 0.3529, 0.3697

Triad

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



72.4793, 0.3628, 0.3549



72.4793, 0.2839, 0.3447



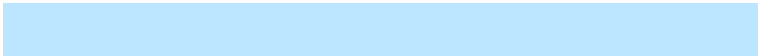
72.4793, 0.2920, 0.2877

Complementary

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



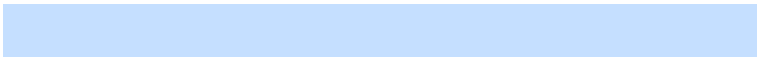
72.4793, 0.3628, 0.3549



74.4386, 0.2716, 0.3015

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.



72.4793, 0.2733, 0.2888



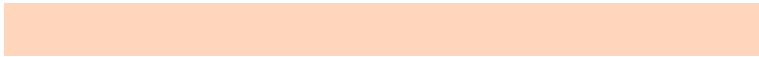
72.4793, 0.3628, 0.3549



72.4793, 0.2688, 0.3207

Square

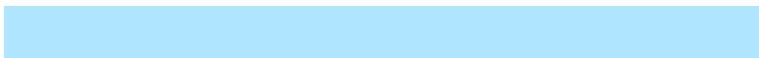
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.4793, 0.3628, 0.3549



72.4793, 0.3069, 0.3647



72.4793, 0.2650, 0.3004



72.4793, 0.3170, 0.2967

Rectangle

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



72.4793, 0.3628, 0.3549



72.4793, 0.3400, 0.3739



72.4793, 0.2650, 0.3004



72.4793, 0.2848, 0.2869

Sweetspot

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



72.4826, 0.3628, 0.3549



90.8772, 0.3258, 0.3365



62.9433, 0.3344, 0.2862



19.1003, 0.3285, 0.3379



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.



72.4826, 0.3628, 0.3549



67.4431, 0.3767, 0.3609



90.7961, 0.3546, 0.3868



19.1003, 0.3285, 0.3379



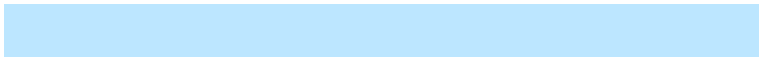
15.6849, 0.5773, 0.3798



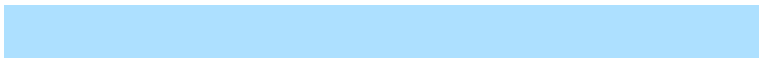
1.7287, 0.5559, 0.3968

Inverse Universe

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



74.4386, 0.2716, 0.3015



69.7165, 0.2626, 0.2946



57.7982, 0.2680, 0.2638



19.2724, 0.2979, 0.3199



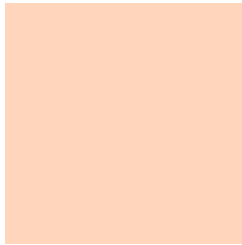
17.1348, 0.1892, 0.2013



1.8783, 0.1937, 0.2174

Previews

White Background



This preview shows how the Yxy color 72.4793, 0.3628, 0.3549 looks on a white background.

Color Contrast Check

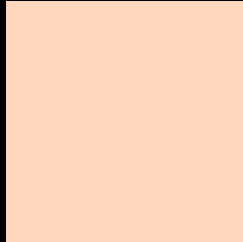
Large Text (above 18pt) WCAG AA × Fail

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 72.4793, 0.3628, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

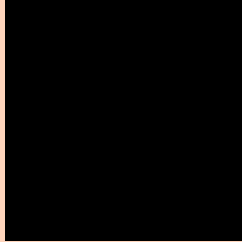
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.4793, 0.3628, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 72.4793, 0.3628, 0.3549.



This preview shows how white text looks on a background with the Yxy color 72.4793, 0.3628, 0.3549.

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

72.4793, 0.3628, 0.3549

Protanopia

72.6745, 0.3405, 0.3605

Deuteranopia

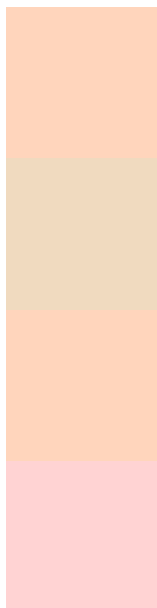
72.4793, 0.3628, 0.3549



Tritanopia

72.7350, 0.3366, 0.3150

Trichromacy



Original Color

72.4793, 0.3628, 0.3549

Protanomaly

72.4297, 0.3479, 0.3579

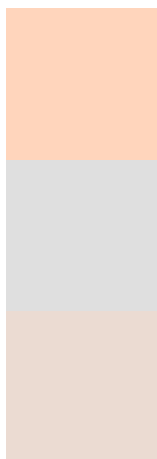
Deuteranomaly

72.4793, 0.3628, 0.3549

Tritanomaly

72.5517, 0.3461, 0.3291

Monochromacy



Original Color

72.4793, 0.3628, 0.3549

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.9783, 0.3305, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4793, 0.3628, 0.3549 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, 213, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 188)  
}
```

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, 213, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 188) }
```

Border

The CSS property to change the border of an element to Yxy 72.4793, 0.3628, 0.3549 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, 213, 188) }
```

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

```
.border{ border-color:rgb(255, 213, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4793, 0.3628, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 188) }
```

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

```
.background{ background-color: rgb(255,  
213, 188) }
```

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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