

Converting Colors

$Y_{xy}(72.9917, 0.3532, 0.3413)$

Have a look what the booklet for
Yxy(72.9917, 0.3532, 0.3413)
contains.

Yxy(73.0655, 0.3531, 0.3414)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.0655, 0.3531, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5C9
RGB	255, 213, 201
RGB Percent	100%, 84%, 79%
CMY	0.0001, 0.1646, 0.2117
CMYK	0.00, 0.16, 0.21, 0.00
HSL	13°, 100%, 89%
HSV	13°, 21%, 100%
XYZ	75.5695, 73.0655, 65.3823
YIQ	224.1900, 28.8840, 5.1720

Conversions

Conversions Part 2

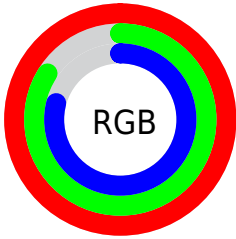
Format	Color
R _Y B	255, 216, 201
Decimal	16766409
CIE Lab	88.48, 12.86, 11.40
CIE LCh	88, 17.192, 41.558
Yxy	73.0655, 0.3531, 0.3414
Android (android.graphics.Color)	4294956489 (0xFFFFD5C9)
YUV	224.1900, -11.4327, 27.0204
Hunter-Lab	85.4784, 8.2207, 14.4840

Details

The Yxy color **73.0655, 0.3531, 0.3414** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.7157, 0.2802, 0.3162**, and the grayscale version is **74.7526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5661, 0.3633, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **62.5953, 0.3784, 0.3477**, and if you desaturate by 10%, it is **84.9605, 0.3320, 0.3353**.

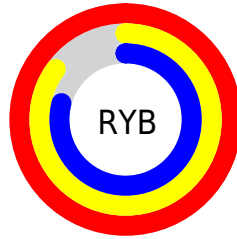
Distribution



Red (100%)

Green (84%)

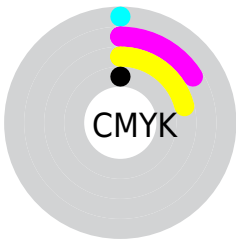
Blue (79%)



Red (100%)

Yellow (85%)

Blue (79%)

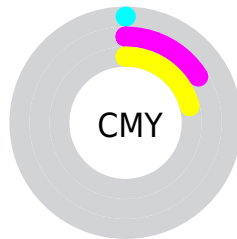


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0655, 0.3531, 0.3414 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 73.0655, 0.3531, 0.3414 by changing the saturation by 10% instead.


 73.0655, 0.3531,
0.3414

 73.0655, 0.3531,
0.3414


471.2418, 0.3343,
0.3360

 54.0295, 0.3574,
0.3426

123.5702, 0.3465,
0.3396

 38.6253, 0.3628,
0.3440


155.8077, 0.3440,
0.3389

 26.4683, 0.3696,
0.3456


193.2145, 0.3418,
0.3382

 17.1743, 0.3786,
0.3478

236.1750, 0.3399,
0.3377

 10.3589, 0.3908,
0.3504

285.0736, 0.3382,
0.3372

 5.6375, 0.4086,
0.3538

340.2946, 0.3368,

 2.6260, 0.4364,

0.3367

0.3579

402.2226, 0.3354,
0.3363

0.9397, 0.5200,
0.3874

0.0000, 1.0000,
0.0000

73.0655, 0.3531,
0.3414

73.0655, 0.3531,
0.3414

62.5953, 0.3784,
0.3477

84.9605, 0.3320,
0.3353

53.4863, 0.4085,
0.3538

98.3209, 0.3145,
0.3296

45.6848, 0.4434,
0.3593

99.9946, 0.3127,
0.3290

39.1297, 0.4824,
0.3632

■ 33.7548, 0.5235,
0.3647

■ 29.4874, 0.5627,
0.3625

■ 26.2461, 0.5955,
0.3564

■ 24.1552, 0.6163,
0.3488

Harmonies

Analogous

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



73.0655, 0.3436, 0.3238



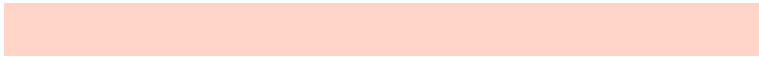
73.0655, 0.3531, 0.3414



73.0655, 0.3514, 0.3566

Triad

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



73.0655, 0.3531, 0.3414



73.0655, 0.2992, 0.3516



73.0655, 0.2863, 0.2945

Complementary

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



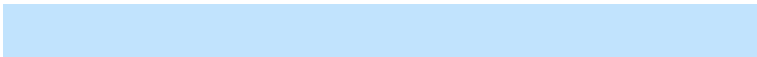
73.0655, 0.3531, 0.3414



83.7157, 0.2802, 0.3162

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.



73.0655, 0.2753, 0.3004



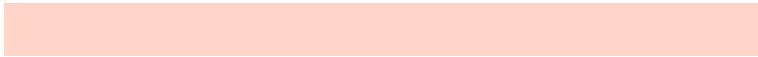
73.0655, 0.3531, 0.3414



73.0655, 0.2826, 0.3333

Square

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



73.0655, 0.3531, 0.3414



73.0655, 0.3198, 0.3634



73.0655, 0.2740, 0.3144



73.0655, 0.3046, 0.2973

Rectangle

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



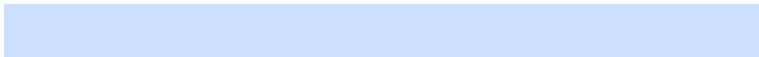
73.0655, 0.3531, 0.3414



73.0655, 0.3441, 0.3632



73.0655, 0.2740, 0.3144



73.0655, 0.2817, 0.2955

Sweetspot

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



73.0688, 0.3531, 0.3414



91.6974, 0.3226, 0.3323



69.5195, 0.3235, 0.2871



19.4405, 0.3237, 0.3327



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.



73.0688, 0.3531, 0.3414



68.9044, 0.3623, 0.3438



87.6050, 0.3477, 0.3677



18.6424, 0.3289, 0.3344



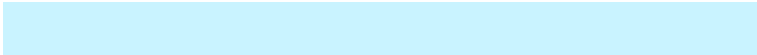
12.8047, 0.6137, 0.3509



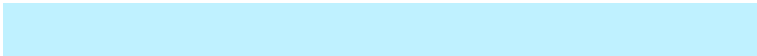
1.4007, 0.5926, 0.3677

Inverse Universe

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



83.7157, 0.2802, 0.3162



81.1291, 0.2745, 0.3137



68.9011, 0.2782, 0.2870



19.7553, 0.2980, 0.3236



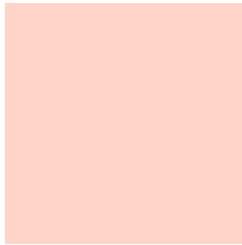
25.1697, 0.2043, 0.2554



2.6114, 0.2069, 0.2648

Previews

White Background



This preview shows how the Yxy color 73.0655, 0.3531, 0.3414 looks on a white background.

Color Contrast Check

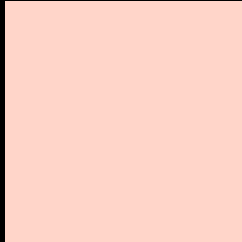
Large Text (above 18pt) WCAG AA × Fail

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 73.0655, 0.3531, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

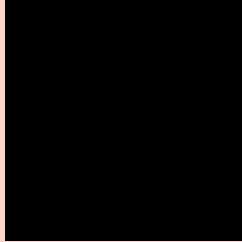
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0655, 0.3531, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 73.0655, 0.3531, 0.3414.



This preview shows how white text looks on a background with the Yxy color 73.0655, 0.3531, 0.3414.

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

73.0655, 0.3531, 0.3414

Protanopia

72.9437, 0.3300, 0.3463

Deuteranopia

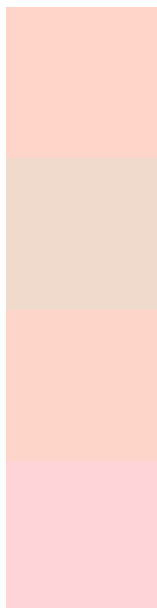
73.0056, 0.3506, 0.3425



Tritanopia

73.2848, 0.3358, 0.3150

Trichromacy



Original Color

73.0655, 0.3531, 0.3414

Protanomaly

72.8532, 0.3378, 0.3439

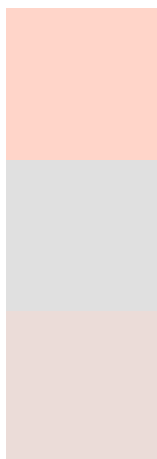
Deuteranomaly

73.1928, 0.3514, 0.3425

Tritanomaly

73.3048, 0.3422, 0.3250

Monochromacy



Original Color

73.0655, 0.3531, 0.3414

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.8064, 0.3262, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0655, 0.3531, 0.3414 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 201) }
```

Border

The CSS property to change the border of an element to Yxy 73.0655, 0.3531, 0.3414 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, 201) }
```

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

```
.border{ border-color:rgb(255, 213, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0655, 0.3531, 0.3414 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, 201) }
```

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

```
.background{ background-color: rgb(255,  
213, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor