

Converting Colors

$Y_{xy}(100.0000, 0.4445, 0.3468)$

Have a look what the booklet for
Yxy(100.0000, 0.4445, 0.3468)
contains.

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Color

Yxy(71.9778, 0.3631, 0.3538)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4BC
RGB	255, 212, 188
RGB Percent	100%, 83%, 74%
CMY	0.0000, 0.1686, 0.2626
CMYK	0.00, 0.17, 0.26, 0.00
HSL	21°, 100%, 87%
HSV	21°, 26%, 100%
XYZ	73.8698, 71.9778, 57.5944
YIQ	222.1210, 33.3320, 1.6520

Conversions

Conversions Part 2

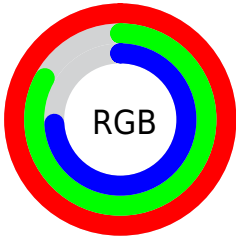
Format	Color
R _Y B	255, 225, 188
Decimal	16766140
CIE Lab	87.96, 11.61, 17.49
CIE LCh	88, 20.994, 56.422
Yxy	71.9778, 0.3631, 0.3538
Android (android.graphics.Color)	4294956220 (0xFFFFD4BC)
YUV	222.1210, -16.8217, 28.8349
Hunter-Lab	84.8397, 6.9501, 19.1381

Details

The Yxy color **71.9778, 0.3631, 0.3538** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.0890, 0.2717, 0.3028**, and the grayscale version is **73.2397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **37.7335, 0.3746, 0.3583** is the 20% darker color. If you saturate the color by 10%, you get **63.1957, 0.3883, 0.3638**, and if you desaturate by 10%, it is **81.7820, 0.3414, 0.3440**.

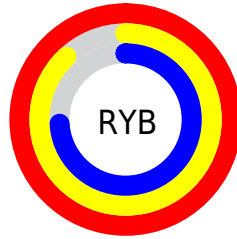
Distribution



Red (100%)

Green (83%)

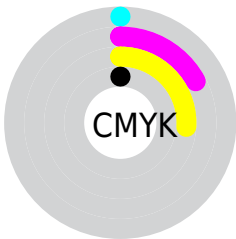
Blue (74%)



Red (100%)

Yellow (88%)

Blue (74%)

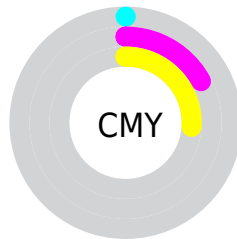


Cyan (0%)

Magenta (17%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9778, 0.3631, 0.3538 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 71.9778, 0.3631, 0.3538 by changing the saturation by 10% instead.


 71.9778, 0.3631,
0.3538

 71.9778, 0.3631,
0.3538


467.4643, 0.3396,
0.3428

 53.1405, 0.3685,
0.3562


 122.0250, 0.3549,
0.3501

 37.9150, 0.3752,
0.3591


154.0037, 0.3517,
0.3486

 25.9167, 0.3837,
0.3626

191.1316, 0.3490,
0.3473

 16.7613, 0.3949,
0.3671

233.7933, 0.3466,
0.3462

 10.0645, 0.4100,
0.3727

282.3730, 0.3445,
0.3452

 5.4417, 0.4317,
0.3800

337.2551, 0.3427,

 2.5087, 0.4649,

0.3443

0.3890

398.8241, 0.3410,
0.3435

0.8810, 0.5668,
0.4332

0.0000, 1.0000,
0.0000

71.9778, 0.3631,
0.3538

71.9778, 0.3631,
0.3538

63.1957, 0.3883,
0.3638

81.7820, 0.3414,
0.3440

55.4047, 0.4172,
0.3732

92.6453, 0.3229,
0.3346

48.5667, 0.4493,
0.3814

100.0000, 0.3127,
0.3290

42.6420, 0.4837,
0.3871

■ 37.5879, 0.5182,
0.3890

■ 33.3575, 0.5500,
0.3860

■ 29.8977, 0.5762,
0.3778

■ 28.7836, 0.5847,
0.3740

Harmonies

Analogous

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



71.9778, 0.3581, 0.3331



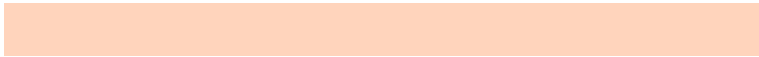
71.9778, 0.3631, 0.3538



71.9778, 0.3540, 0.3692

Triad

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



71.9778, 0.3631, 0.3538



71.9778, 0.2850, 0.3462



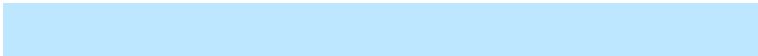
71.9778, 0.2906, 0.2874

Complementary

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



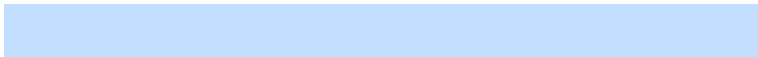
71.9778, 0.3631, 0.3538



75.0890, 0.2717, 0.3028

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.



71.9778, 0.2724, 0.2891



71.9778, 0.3631, 0.3538



71.9778, 0.2693, 0.3222

Square

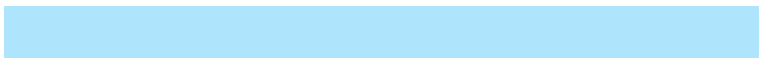
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9778, 0.3631, 0.3538



71.9778, 0.3085, 0.3658



71.9778, 0.2647, 0.3014



71.9778, 0.3154, 0.2958

Rectangle

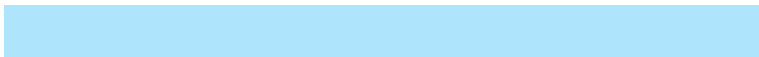
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.9778, 0.3631, 0.3538



71.9778, 0.3414, 0.3739



71.9778, 0.2647, 0.3014



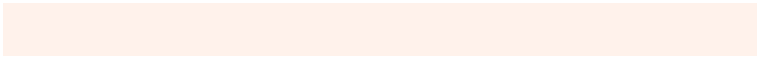
71.9778, 0.2835, 0.2868

Sweetspot

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



71.9765, 0.3631, 0.3538



90.6794, 0.3259, 0.3362



63.0419, 0.3335, 0.2852



19.0506, 0.3285, 0.3376



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.



71.9765, 0.3631, 0.3538



66.8146, 0.3771, 0.3595



90.1698, 0.3549, 0.3857



19.0506, 0.3285, 0.3376



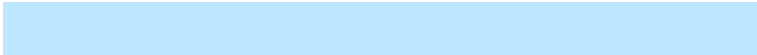
15.2954, 0.5817, 0.3763



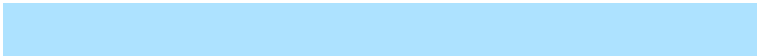
1.6869, 0.5600, 0.3935

Inverse Universe

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



75.0890, 0.2717, 0.3028



70.4354, 0.2628, 0.2961



58.3395, 0.2681, 0.2651



19.3238, 0.2980, 0.3203



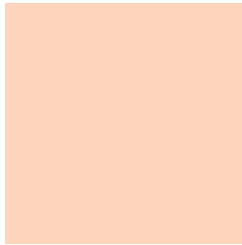
17.8936, 0.1909, 0.2071



1.9490, 0.1952, 0.2226

Previews

White Background



This preview shows how the Yxy color 71.9778, 0.3631, 0.3538 looks on a white background.

Color Contrast Check

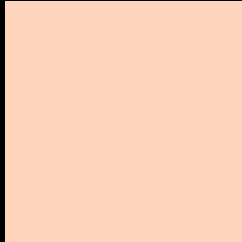
Large Text (above 18pt) WCAG AA × Fail

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 71.9778, 0.3631, 0.3538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

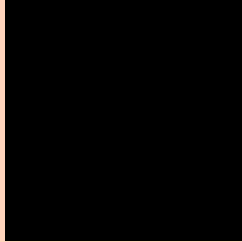
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.9778, 0.3631, 0.3538

Background



This preview shows how black text looks on a background with the Yxy color 71.9778, 0.3631, 0.3538.



This preview shows how white text looks on a background with the Yxy color 71.9778, 0.3631, 0.3538.

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

71.9778, 0.3631, 0.3538

Protanopia

71.9811, 0.3399, 0.3595

Deuteranopia

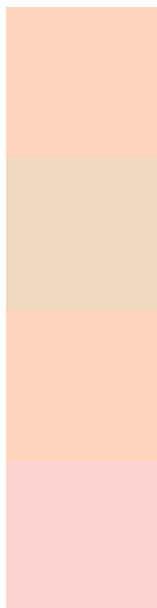
71.7886, 0.3623, 0.3539



Tritanopia

72.1886, 0.3375, 0.3149

Trichromacy



Original Color

71.9778, 0.3631, 0.3538

Protanomaly

71.9126, 0.3481, 0.3568

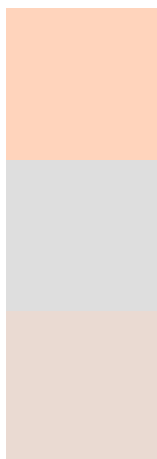
Deuteranomaly

71.7886, 0.3623, 0.3539

Tritanomaly

72.0063, 0.3470, 0.3291

Monochromacy



Original Color

71.9778, 0.3631, 0.3538

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.2884, 0.3299, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9778, 0.3631, 0.3538 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, 212, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 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, 212, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 188) }
```

Border

The CSS property to change the border of an element to Yxy 71.9778, 0.3631, 0.3538 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, 212, 188) }
```

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

```
.border{ border-color:rgb(255, 212, 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, 212, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9778, 0.3631, 0.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 188) }
```

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

```
.background{ background-color: rgb(255,  
212, 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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