

Converting Colors

Yxy(71.4184, 0.3605, 0.3483)

Have a look what the booklet for
Yxy(71.4184, 0.3605, 0.3483)
contains.

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Color

Yxy(71.6543, 0.3603, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3C0
RGB	255, 211, 192
RGB Percent	100%, 83%, 75%
CMY	0.0002, 0.1725, 0.2471
CMYK	0.00, 0.17, 0.25, 0.00
HSL	18°, 100%, 88%
HSV	18°, 25%, 100%
XYZ	74.0380, 71.6543, 59.7975
YIQ	221.9900, 32.3230, 3.4190

Conversions

Conversions Part 2

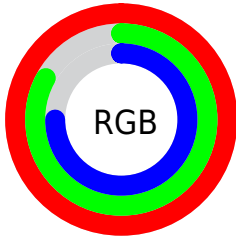
Format	Color
R _Y B	255, 219, 192
Decimal	16765888
CIE Lab	87.80, 12.63, 15.18
CIE LCh	88, 19.752, 50.244
Yxy	71.6543, 0.3603, 0.3487
Android (android.graphics.Color)	4294955968 (0xFFFFD3C0)
YUV	221.9900, -14.7851, 28.9498
Hunter-Lab	84.6489, 7.9892, 17.3706

Details

The Yxy color **71.6543, 0.3603, 0.3487** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.3814, 0.2745, 0.3084**, and the grayscale version is **73.1286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **37.5113, 0.3710, 0.3517** is the 20% darker color. If you saturate the color by 10%, you get **62.2649, 0.3859, 0.3572**, and if you desaturate by 10%, it is **82.2247, 0.3386, 0.3404**.

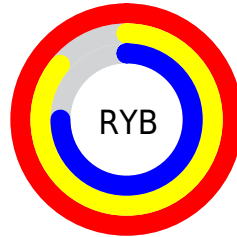
Distribution



Red (100%)

Green (83%)

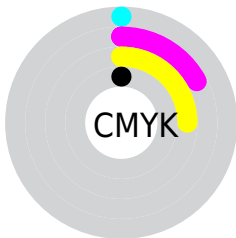
Blue (75%)



Red (100%)

Yellow (86%)

Blue (75%)

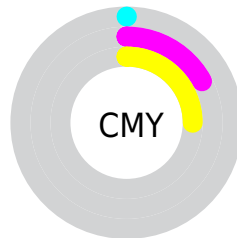


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (17%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6543, 0.3603, 0.3487 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 71.6543, 0.3603, 0.3487 by changing the saturation by 10% instead.


 71.6543, 0.3603,
0.3487

 71.6543, 0.3603,
0.3487


466.3374, 0.3380,
0.3400

 52.8763, 0.3654,
0.3506


 121.5649, 0.3525,
0.3458

 37.7041, 0.3718,
0.3529

153.4663, 0.3495,
0.3446

 25.7531, 0.3799,
0.3556


190.5110, 0.3469,
0.3436

 16.6390, 0.3905,
0.3591

233.0834, 0.3447,
0.3427

 9.9774, 0.4050,
0.3635

281.5678, 0.3427,
0.3419

 5.3840, 0.4260,
0.3691

336.3487, 0.3410,

 2.4743, 0.4586,

0.3412

0.3759

397.8105, 0.3394,
0.3406

0.8637, 0.5739,
0.4261

0.0000, 1.0000,
0.0000

71.6543, 0.3603,
0.3487

71.6543, 0.3603,
0.3487

62.2649, 0.3859,
0.3572

82.2247, 0.3386,
0.3404

54.0050, 0.4156,
0.3653

94.0060, 0.3203,
0.3325

46.8332, 0.4493,
0.3723

99.9927, 0.3127,
0.3290

40.7022, 0.4859,
0.3772

■ 35.5606, 0.5233,
0.3787

■ 31.3519, 0.5581,
0.3757

■ 28.0130, 0.5867,
0.3680

■ 26.5635, 0.5990,
0.3626

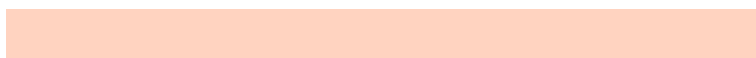
Harmonies

Analogous

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



71.6543, 0.3529, 0.3287



71.6543, 0.3603, 0.3487



71.6543, 0.3544, 0.3646

Triad

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



71.6543, 0.3603, 0.3487



71.6543, 0.2908, 0.3496



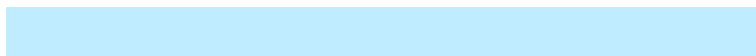
71.6543, 0.2877, 0.2892

Complementary

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



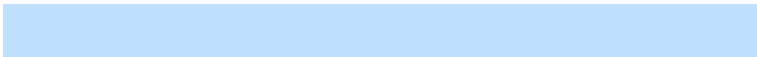
71.6543, 0.3603, 0.3487



78.3814, 0.2745, 0.3084

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.



71.6543, 0.2722, 0.2930



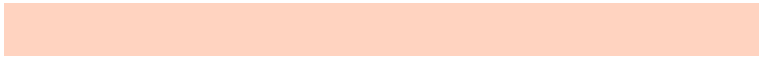
71.6543, 0.3603, 0.3487



71.6543, 0.2740, 0.3273

Square

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



71.6543, 0.3603, 0.3487



71.6543, 0.3138, 0.3662



71.6543, 0.2674, 0.3065



71.6543, 0.3102, 0.2953

Rectangle

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



71.6543, 0.3603, 0.3487



71.6543, 0.3439, 0.3704



71.6543, 0.2674, 0.3065



71.6543, 0.2815, 0.2893

Sweetspot

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



71.6576, 0.3603, 0.3487



91.2108, 0.3242, 0.3343



65.0130, 0.3296, 0.2848



19.3668, 0.3253, 0.3348



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.



71.6576, 0.3603, 0.3487



66.5528, 0.3734, 0.3532



88.7828, 0.3529, 0.3794



18.8816, 0.3287, 0.3362



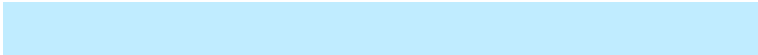
14.1123, 0.5961, 0.3649



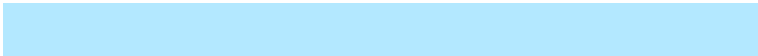
1.5562, 0.5740, 0.3825

Inverse Universe

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



78.3814, 0.2745, 0.3084



74.3954, 0.2664, 0.3033



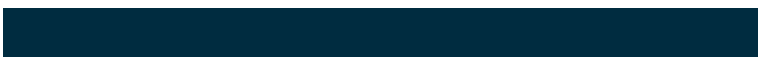
61.8926, 0.2714, 0.2730



19.5006, 0.2980, 0.3216



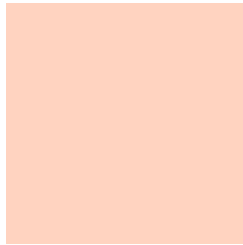
20.6779, 0.1964, 0.2271



2.2055, 0.2000, 0.2401

Previews

White Background



This preview shows how the Yxy color 71.6543, 0.3603, 0.3487 looks on a white background.

Color Contrast Check

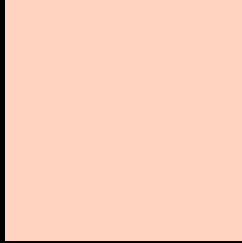
Large Text (above 18pt) WCAG AA × Fail

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 71.6543, 0.3603, 0.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

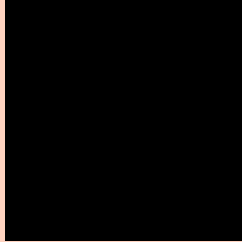
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.6543, 0.3603, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 71.6543, 0.3603, 0.3487.



This preview shows how white text looks on a background with the Yxy color 71.6543, 0.3603, 0.3487.

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

71.6543, 0.3603, 0.3487

Protanopia

71.9949, 0.3364, 0.3552

Deuteranopia

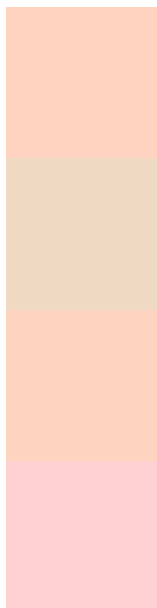
71.5882, 0.3578, 0.3499



Tritanopia

71.6457, 0.3384, 0.3149

Trichromacy



Original Color

71.6543, 0.3603, 0.3487

Protanomaly

71.9166, 0.3444, 0.3526

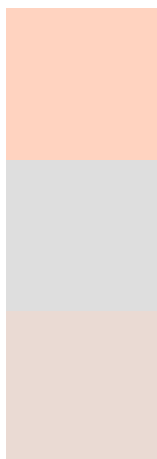
Deuteranomaly

71.7754, 0.3585, 0.3498

Tritanomaly

71.5641, 0.3464, 0.3271

Monochromacy



Original Color

71.6543, 0.3603, 0.3487

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.3384, 0.3292, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6543, 0.3603, 0.3487 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, 211, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 192)  
}
```

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, 211, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 192) }
```

Border

The CSS property to change the border of an element to Yxy 71.6543, 0.3603, 0.3487 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, 211, 192) }
```

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

```
.border{ border-color:rgb(255, 211, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6543, 0.3603, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 192) }
```

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

```
.background{ background-color: rgb(255,  
211, 192) }
```

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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