

Converting Colors

$Y_{xy}(72.0653, 0.3566, 0.3424)$

Have a look what the booklet for
Yxy(72.0653, 0.3566, 0.3424)
contains.

Yxy(71.9257, 0.3558, 0.3425)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.9257, 0.3558, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3C6
RGB	255, 211, 198
RGB Percent	100%, 83%, 78%
CMY	0.0001, 0.1725, 0.2236
CMYK	0.00, 0.17, 0.22, 0.00
HSL	14°, 100%, 89%
HSV	14°, 22%, 100%
XYZ	74.7187, 71.9257, 63.3576
YIQ	222.6740, 30.3970, 5.2850

Conversions

Conversions Part 2

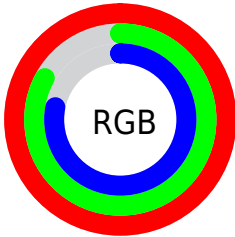
Format	Color
R _Y B	255, 215, 198
Decimal	16765894
CIE Lab	87.93, 13.47, 12.22
CIE LCh	88, 18.191, 42.214
Yxy	71.9257, 0.3558, 0.3425
Android (android.graphics.Color)	4294955974 (0xFFFFD3C6)
YUV	222.6740, -12.1643, 28.3499
Hunter-Lab	84.8090, 8.8469, 15.0730

Details

The Yxy color **71.9257, 0.3558, 0.3425** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.6893, 0.2784, 0.3151**, and the grayscale version is **73.6200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7963, 0.3670, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **61.6681, 0.3816, 0.3490**, and if you desaturate by 10%, it is **83.5833, 0.3343, 0.3362**.

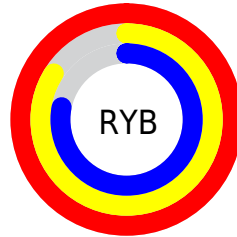
Distribution



Red (100%)

Green (83%)

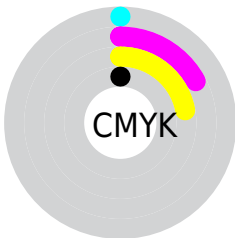
Blue (78%)



Red (100%)

Yellow (84%)

Blue (78%)

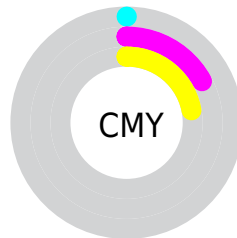


Cyan (0%)

Magenta (17%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9257, 0.3558, 0.3425 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 71.9257, 0.3558, 0.3425 by changing the saturation by 10% instead.


 71.9257, 0.3558,
0.3425

 71.9257, 0.3558,
0.3425

467.2829, 0.3356,
0.3366

 53.0980, 0.3605,
0.3438


121.9509, 0.3488,
0.3405

 37.8810, 0.3662,
0.3453


153.9172, 0.3460,
0.3397

 25.8903, 0.3736,
0.3471


191.0317, 0.3437,
0.3390

 16.7416, 0.3832,
0.3494


233.6790, 0.3417,
0.3384

 10.0504, 0.3965,
0.3522

282.2433, 0.3399,
0.3379

 5.4324, 0.4157,
0.3558

337.1092, 0.3383,

 2.5031, 0.4458,

0.3374

0.3601

398.6609, 0.3369,
0.3370

0.8782, 0.5518,
0.4017

0.0000, 1.0000,
0.0000

71.9257, 0.3558,
0.3425

71.9257, 0.3558,
0.3425

61.6681, 0.3816,
0.3490

83.5833, 0.3343,
0.3362

52.7477, 0.4121,
0.3552

96.6810, 0.3165,
0.3303

45.1116, 0.4473,
0.3607

99.9956, 0.3127,
0.3290

38.6993, 0.4865,
0.3646

■ 33.4455, 0.5273,
0.3657

■ 29.2783, 0.5658,
0.3631

■ 26.1170, 0.5974,
0.3565

■ 24.3146, 0.6151,
0.3498

Harmonies

Analogous

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



71.9257, 0.3459, 0.3238



71.9257, 0.3558, 0.3425



71.9257, 0.3536, 0.3586

Triad

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



71.9257, 0.3558, 0.3425



71.9257, 0.2978, 0.3527



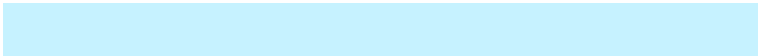
71.9257, 0.2850, 0.2923

Complementary

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



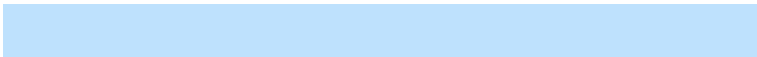
71.9257, 0.3558, 0.3425



82.6893, 0.2784, 0.3151

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.



71.9257, 0.2732, 0.2984



71.9257, 0.3558, 0.3425



71.9257, 0.2804, 0.3331

Square

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



71.9257, 0.3558, 0.3425



71.9257, 0.3197, 0.3655



71.9257, 0.2715, 0.3130



71.9257, 0.3045, 0.2955

Rectangle

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



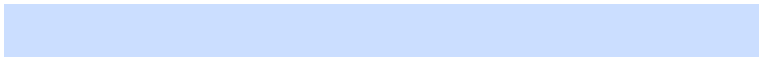
71.9257, 0.3558, 0.3425



71.9257, 0.3458, 0.3655



71.9257, 0.2715, 0.3130



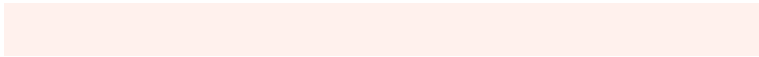
71.9257, 0.2801, 0.2933

Sweetspot

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



71.9290, 0.3558, 0.3425



90.4319, 0.3243, 0.3330



68.0829, 0.3242, 0.2847



19.1868, 0.3254, 0.3334



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.



71.9290, 0.3558, 0.3425



67.0053, 0.3672, 0.3455



86.9639, 0.3498, 0.3700



18.6610, 0.3289, 0.3345



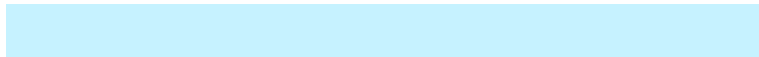
12.8914, 0.6125, 0.3519



1.4116, 0.5912, 0.3688

Inverse Universe

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



82.6893, 0.2784, 0.3151



79.5579, 0.2715, 0.3118



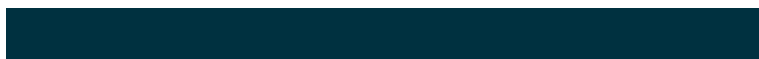
67.3797, 0.2761, 0.2844



19.7353, 0.2980, 0.3234



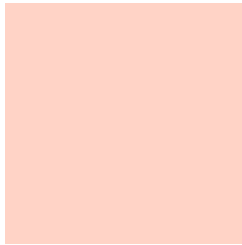
24.7966, 0.2037, 0.2533



2.5780, 0.2064, 0.2629

Previews

White Background



This preview shows how the Yxy color 71.9257, 0.3558, 0.3425 looks on a white background.

Color Contrast Check

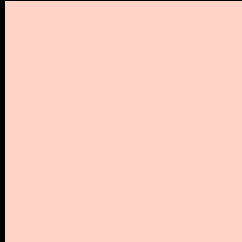
Large Text (above 18pt) WCAG AA × Fail

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 71.9257, 0.3558, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

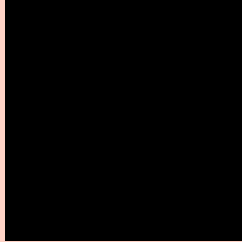
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.9257, 0.3558, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 71.9257, 0.3558, 0.3425.



This preview shows how white text looks on a background with the Yxy color 71.9257, 0.3558, 0.3425.

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

71.9257, 0.3558, 0.3425

Protanopia

72.1562, 0.3308, 0.3475

Deuteranopia

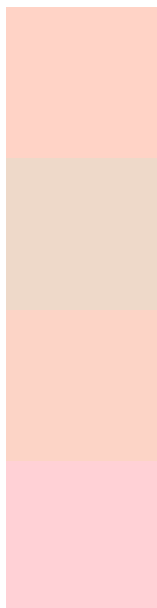
72.1749, 0.3523, 0.3447



Tritanopia

71.6995, 0.3376, 0.3139

Trichromacy



Original Color

71.9257, 0.3558, 0.3425

Protanomaly

72.0199, 0.3394, 0.3461

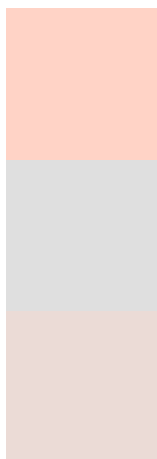
Deuteranomaly

71.8596, 0.3533, 0.3436

Tritanomaly

71.7160, 0.3442, 0.3240

Monochromacy



Original Color

71.9257, 0.3558, 0.3425

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.1802, 0.3277, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9257, 0.3558, 0.3425 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 198) }
```

Border

The CSS property to change the border of an element to Yxy 71.9257, 0.3558, 0.3425 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, 198) }
```

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

```
.border{ border-color:rgb(255, 211, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9257, 0.3558, 0.3425 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, 198) }
```

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

```
.background{ background-color: rgb(255,  
211, 198) }
```

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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