

Converting Colors

$Y_{xy}(82.9214, 0.4035, 0.3420)$

Have a look what the booklet for
Yxy(82.9214, 0.4035, 0.3420)
contains.

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Color

Yxy(70.2668, 0.3595, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0C2
RGB	255, 208, 194
RGB Percent	100%, 82%, 76%
CMY	0.0002, 0.1842, 0.2393
CMYK	0.00, 0.18, 0.24, 0.00
HSL	14°, 100%, 88%
HSV	14°, 24%, 100%
XYZ	73.5184, 70.2668, 60.7166
YIQ	220.4570, 32.5060, 5.6100

Conversions

Conversions Part 2

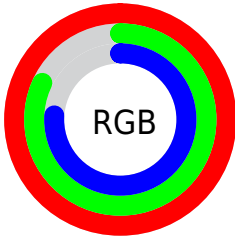
Format	Color
R _Y B	255, 212, 194
Decimal	16765122
CIE Lab	87.13, 14.46, 13.19
CIE LCh	87, 19.570, 42.365
Yxy	70.2668, 0.3595, 0.3436
Android (android.graphics.Color)	4294955202 (0xFFFFD0C2)
YUV	220.4570, -13.0433, 30.2942
Hunter-Lab	83.8253, 9.8579, 15.7326

Details

The Yxy color **70.2668, 0.3595, 0.3436** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.5400, 0.2761, 0.3139**, and the grayscale version is **71.9807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **36.8750, 0.3707, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **60.2357, 0.3860, 0.3501**, and if you desaturate by 10%, it is **81.6847, 0.3374, 0.3372**.

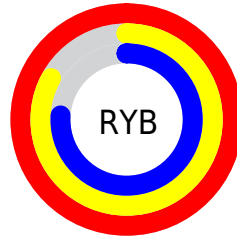
Distribution



Red (100%)

Green (82%)

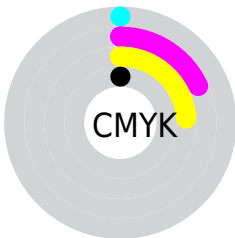
Blue (76%)



Red (100%)

Yellow (83%)

Blue (76%)

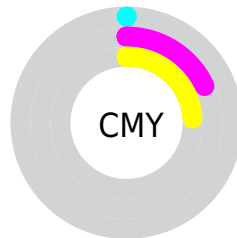


Cyan (0%)

Magenta (18%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.2668, 0.3595, 0.3436 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 70.2668, 0.3595, 0.3436 by changing the saturation by 10% instead.


 70.2668, 0.3595,
0.3436

 70.2668, 0.3595,
0.3436


461.4862, 0.3375,
0.3372

 51.7441, 0.3646,
0.3450


 119.5892, 0.3518,
0.3415

 36.8011, 0.3709,
0.3466


151.1576, 0.3488,
0.3406

 25.0535, 0.3790,
0.3485


187.8433, 0.3463,
0.3399

 16.1170, 0.3896,
0.3510

230.0308, 0.3441,
0.3392

 9.6069, 0.4043,
0.3540

278.1045, 0.3421,
0.3386

 5.1391, 0.4256,
0.3576

332.4487, 0.3404,

 2.3291, 0.4591,

0.3381

0.3617

393.4478, 0.3389,
0.3376

0.7891, 0.5890,
0.4110

0.0000, 1.0000,
0.0000

70.2668, 0.3595,
0.3436

70.2668, 0.3595,
0.3436

60.2357, 0.3860,
0.3501

81.6847, 0.3374,
0.3372

51.5286, 0.4172,
0.3563

94.5298, 0.3190,
0.3312

44.0923, 0.4531,
0.3617

99.9907, 0.3127,
0.3290

37.8659, 0.4926,
0.3652

■ 32.7835, 0.5333,
0.3658

■ 28.7726, 0.5710,
0.3626

■ 25.7512, 0.6011,
0.3555

■ 24.3505, 0.6148,
0.3500

Harmonies

Analogous

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



70.2668, 0.3488, 0.3234



70.2668, 0.3595, 0.3436



70.2668, 0.3571, 0.3610

Triad

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



70.2668, 0.3595, 0.3436



70.2668, 0.2965, 0.3547



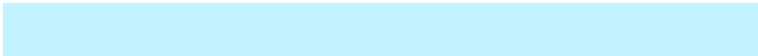
70.2668, 0.2828, 0.2893

Complementary

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



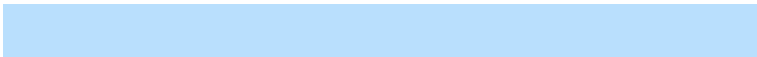
70.2668, 0.3595, 0.3436



81.5400, 0.2761, 0.3139

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.



70.2668, 0.2700, 0.2957



70.2668, 0.3595, 0.3436



70.2668, 0.2776, 0.3333

Square

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



70.2668, 0.3595, 0.3436



70.2668, 0.3201, 0.3687



70.2668, 0.2681, 0.3115



70.2668, 0.3039, 0.2929

Rectangle

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



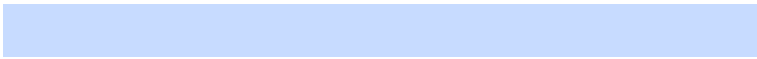
70.2668, 0.3595, 0.3436



70.2668, 0.3484, 0.3686



70.2668, 0.2681, 0.3115



70.2668, 0.2774, 0.2903

Sweetspot

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



70.2700, 0.3595, 0.3436



90.4488, 0.3243, 0.3330



66.2224, 0.3251, 0.2815



19.1907, 0.3254, 0.3334



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

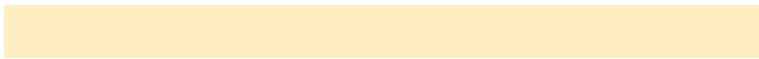
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.2700, 0.3595, 0.3436



65.0247, 0.3724, 0.3469



86.1062, 0.3527, 0.3729



18.6658, 0.3289, 0.3345



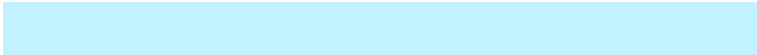
12.9141, 0.6122, 0.3521



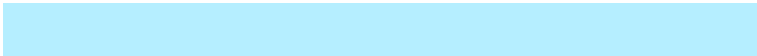
1.4144, 0.5909, 0.3690

Inverse Universe

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



81.5400, 0.2761, 0.3139



78.1792, 0.2686, 0.3102



65.4008, 0.2733, 0.2808



19.7302, 0.2980, 0.3234



24.7014, 0.2035, 0.2527



2.5695, 0.2062, 0.2624

Previews

White Background



This preview shows how the Yxy color 70.2668, 0.3595, 0.3436 looks on a white background.

Color Contrast Check

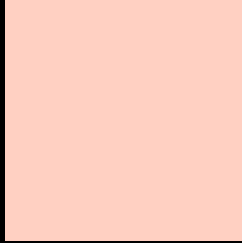
Large Text (above 18pt) WCAG AA × Fail

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 70.2668, 0.3595, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

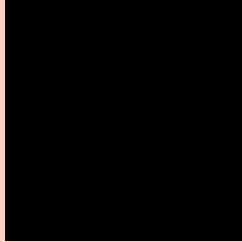
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.2668, 0.3595, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 70.2668, 0.3595, 0.3436.



This preview shows how white text looks on a background with the Yxy color 70.2668, 0.3595, 0.3436.

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

70.2668, 0.3595, 0.3436

Protanopia

70.5972, 0.3323, 0.3499

Deuteranopia

70.6233, 0.3541, 0.3469



Tritanopia

70.0900, 0.3403, 0.3139

Trichromacy



Original Color

70.2668, 0.3595, 0.3436

Protanomaly

70.1289, 0.3420, 0.3473

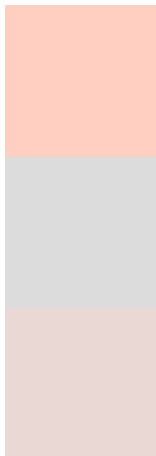
Deuteranomaly

70.4975, 0.3559, 0.3458

Tritanomaly

70.1058, 0.3469, 0.3240

Monochromacy



Original Color

70.2668, 0.3595, 0.3436

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.1385, 0.3287, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2668, 0.3595, 0.3436 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, 208, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 194)  
}
```

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, 208, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 194) }
```

Border

The CSS property to change the border of an element to Yxy 70.2668, 0.3595, 0.3436 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, 208, 194) }
```

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

```
.border{ border-color:rgb(255, 208, 194) }
```

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

Here you see how a box with a 4 pixel rgb(255, 208, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 70.2668, 0.3595, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 194) }
```

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

```
.background{ background-color: rgb(255,  
208, 194) }
```

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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