

Converting Colors

$Y_{xy}(85.1150, 0.4102, 0.3421)$

Have a look what the booklet for
Yxy(85.1150, 0.4102, 0.3421)
contains.

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Color

Yxy(70.2220, 0.3603, 0.3446)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0C1
RGB	255, 208, 193
RGB Percent	100%, 82%, 76%
CMY	0.0000, 0.1843, 0.2431
CMYK	0.00, 0.18, 0.24, 0.00
HSL	15°, 100%, 88%
HSV	15°, 24%, 100%
XYZ	73.4213, 70.2220, 60.1350
YIQ	220.3430, 32.8270, 5.2990

Conversions

Conversions Part 2

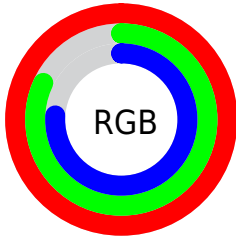
Format	Color
R _Y B	255, 213, 193
Decimal	16765121
CIE Lab	87.11, 14.35, 13.68
CIE LCh	87, 19.825, 43.620
Yxy	70.2220, 0.3603, 0.3446
Android (android.graphics.Color)	4294955201 (0xFFFFD0C1)
YUV	220.3430, -13.4801, 30.3942
Hunter-Lab	83.7986, 9.7478, 16.1117

Details

The Yxy color **70.2220, 0.3603, 0.3446** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.8730, 0.2754, 0.3128**, and the grayscale version is **71.9028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **36.8456, 0.3718, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **60.3257, 0.3867, 0.3514**, and if you desaturate by 10%, it is **81.4692, 0.3381, 0.3379**.

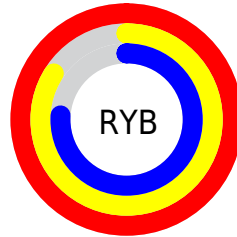
Distribution



Red (100%)

Green (82%)

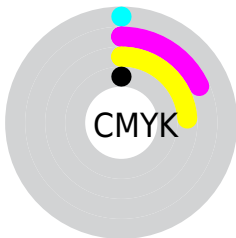
Blue (76%)



Red (100%)

Yellow (84%)

Blue (76%)

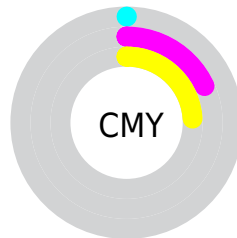


Cyan (0%)

Magenta (18%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.2220, 0.3603, 0.3446 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 70.2220, 0.3603, 0.3446 by changing the saturation by 10% instead.


 70.2220, 0.3603,
0.3446

 70.2220, 0.3603,
0.3446


461.3291, 0.3379,
0.3378

 51.7075, 0.3655,
0.3461


 119.5253, 0.3525,
0.3423

 36.7720, 0.3719,
0.3478


151.0829, 0.3495,
0.3414

 25.0310, 0.3801,
0.3499


187.7570, 0.3469,
0.3406

 16.1002, 0.3910,
0.3525

229.9321, 0.3446,
0.3399

 9.5951, 0.4058,
0.3558

277.9924, 0.3426,
0.3393

 5.1313, 0.4274,
0.3597

332.3224, 0.3409,

 2.3245, 0.4615,

0.3387

0.3642

393.3065, 0.3393,
0.3382

0.7866, 0.5885,
0.4115

0.0000, 1.0000,
0.0000

70.2220, 0.3603,
0.3446

70.2220, 0.3603,
0.3446

60.3257, 0.3867,
0.3514

81.4692, 0.3381,
0.3379

51.7197, 0.4179,
0.3580

94.1064, 0.3197,
0.3316

44.3528, 0.4535,
0.3635

100.0000, 0.3127,
0.3290

38.1663, 0.4926,
0.3672

■ 33.0969, 0.5328,
0.3679

■ 29.0745, 0.5699,
0.3646

■ 26.0205, 0.5996,
0.3571

■ 24.6753, 0.6125,
0.3519

Harmonies

Analogous

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



70.2220, 0.3500, 0.3242



70.2220, 0.3603, 0.3446



70.2220, 0.3573, 0.3620

Triad

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



70.2220, 0.3603, 0.3446



70.2220, 0.2953, 0.3542



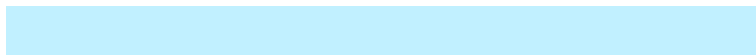
70.2220, 0.2832, 0.2887

Complementary

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



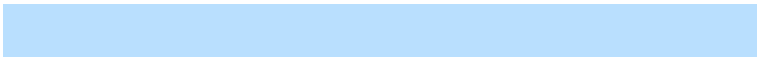
70.2220, 0.3603, 0.3446



80.8730, 0.2754, 0.3128

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.



70.2220, 0.2698, 0.2948



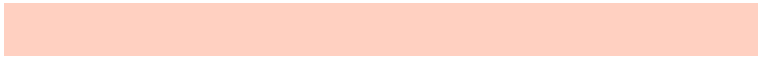
70.2220, 0.3603, 0.3446



70.2220, 0.2765, 0.3323

Square

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



70.2220, 0.3603, 0.3446



70.2220, 0.3192, 0.3688



70.2220, 0.2674, 0.3104



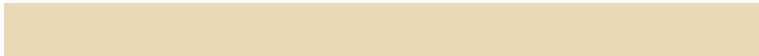
70.2220, 0.3048, 0.2928

Rectangle

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



70.2220, 0.3603, 0.3446



70.2220, 0.3482, 0.3695



70.2220, 0.2674, 0.3104



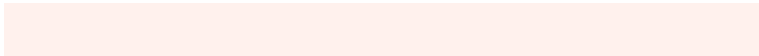
70.2220, 0.2776, 0.2896

Sweetspot

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



70.2251, 0.3603, 0.3446



90.5728, 0.3243, 0.3332



65.7224, 0.3262, 0.2816



19.2194, 0.3254, 0.3336



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

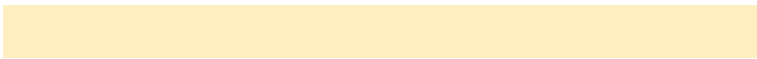
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.2251, 0.3603, 0.3446



65.4220, 0.3721, 0.3478



86.5312, 0.3532, 0.3747



18.7009, 0.3288, 0.3348



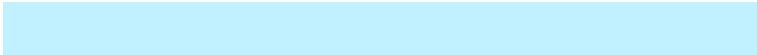
13.0857, 0.6098, 0.3540



1.4356, 0.5882, 0.3712

Inverse Universe

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



80.8730, 0.2754, 0.3128



77.6762, 0.2685, 0.3093



64.4200, 0.2725, 0.2787



19.6925, 0.2980, 0.3231



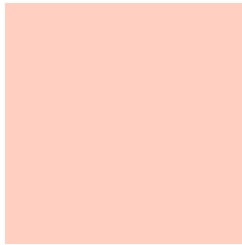
24.0104, 0.2024, 0.2486



2.5074, 0.2052, 0.2588

Previews

White Background



This preview shows how the Yxy color 70.2220, 0.3603, 0.3446 looks on a white background.

Color Contrast Check

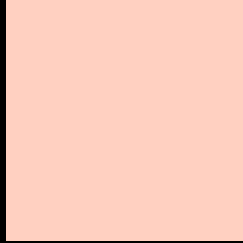
Large Text (above 18pt) WCAG AA × Fail

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 70.2220, 0.3603, 0.3446 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 70.2220, 0.3603, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 70.2220, 0.3603, 0.3446.

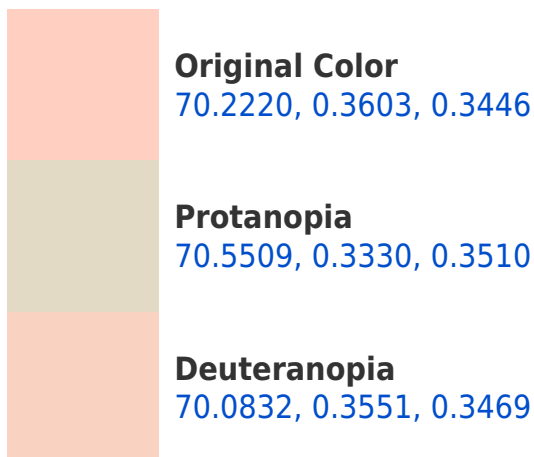


This preview shows how white text looks on a background with the Yxy color 70.2220, 0.3603, 0.3446.

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





Tritanopia

70.0900, 0.3403, 0.3139

Trichromacy



Original Color

70.2220, 0.3603, 0.3446

Protanomaly

70.0832, 0.3427, 0.3484

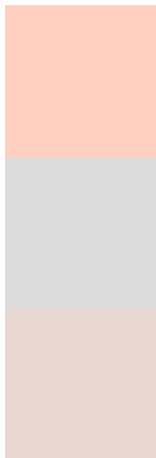
Deuteranomaly

69.9604, 0.3569, 0.3458

Tritanomaly

70.0558, 0.3477, 0.3250

Monochromacy



Original Color

70.2220, 0.3603, 0.3446

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.0885, 0.3294, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2220, 0.3603, 0.3446 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 193) }
```

Border

The CSS property to change the border of an element to Yxy 70.2220, 0.3603, 0.3446 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, 193) }
```

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

```
.border{ border-color:rgb(255, 208, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 70.2220, 0.3603, 0.3446 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, 193) }
```

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

```
.background{ background-color: rgb(255,  
208, 193) }
```

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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