

Converting Colors

$Y_{xy}(70.6321, 0.3617, 0.3479)$

Have a look what the booklet for
Yxy(70.6321, 0.3617, 0.3479)
contains.

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Color

Yxy(70.6225, 0.3616, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1BF
RGB	255, 209, 191
RGB Percent	100%, 82%, 75%
CMY	0.0000, 0.1804, 0.2510
CMYK	0.00, 0.18, 0.25, 0.00
HSL	17°, 100%, 87%
HSV	17°, 25%, 100%
XYZ	73.4458, 70.6225, 59.0450
YIQ	220.7020, 33.1940, 4.1540

Conversions

Conversions Part 2

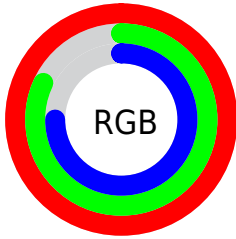
Format	Color
RYB	255, 216, 191
Decimal	16765375
CIELab	87.30, 13.56, 15.01
CIElCh	87, 20.229, 47.909
Yxy	70.6225, 0.3616, 0.3477
Android (android.graphics.Color)	4294955455 (0xFFFFD1BF)
YUV	220.7020, -14.6431, 30.0793
Hunter-Lab	84.0372, 8.9381, 17.1685

Details

The Yxy color **70.6225, 0.3616, 0.3477** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8566, 0.2740, 0.3095**, and the grayscale version is **72.1738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **37.1480, 0.3724, 0.3517** is the 20% darker color. If you saturate the color by 10%, you get **61.1167, 0.3877, 0.3556**, and if you desaturate by 10%, it is **81.3612, 0.3395, 0.3399**.

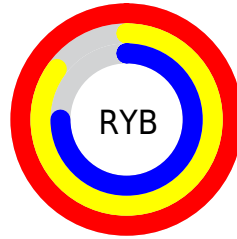
Distribution



Red (100%)

Green (82%)

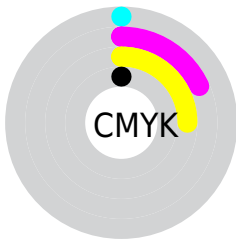
Blue (75%)



Red (100%)

Yellow (85%)

Blue (75%)

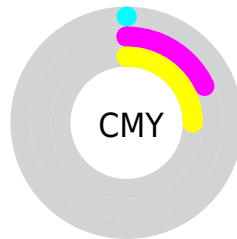


Cyan (0%)

Magenta (18%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.6225, 0.3616, 0.3477 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 70.6225, 0.3616, 0.3477 by changing the saturation by 10% instead.


 70.6225, 0.3616,
0.3477

 70.6225, 0.3616,
0.3477


462.7327, 0.3387,
0.3395

 52.0342, 0.3669,
0.3495


 120.0961, 0.3536,
0.3449

 37.0323, 0.3735,
0.3516


151.7501, 0.3505,
0.3438

 25.2325, 0.3819,
0.3542


188.5281, 0.3478,
0.3429

 16.2504, 0.3929,
0.3574

230.8146, 0.3455,
0.3420

 9.7015, 0.4080,
0.3615

278.9939, 0.3435,
0.3413

 5.2015, 0.4300,
0.3665

333.4505, 0.3417,

 2.3660, 0.4641,

0.3406

0.3725

394.5686, 0.3401,
0.3400

0.8083, 0.5822,
0.4178

0.0000, 1.0000,
0.0000

70.6225, 0.3616,
0.3477

70.6225, 0.3616,
0.3477

61.1167, 0.3877,
0.3556

81.3612, 0.3395,
0.3399

52.7938, 0.4182,
0.3631

93.3706, 0.3210,
0.3326

45.6077, 0.4527,
0.3696

100.0000, 0.3127,
0.3290

39.5071, 0.4903,
0.3739

■ 34.4365, 0.5286,
0.3749

■ 30.3347, 0.5641,
0.3715

■ 27.1333, 0.5926,
0.3635

■ 25.8635, 0.6039,
0.3587

Harmonies

Analogous

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



70.6225, 0.3529, 0.3270



70.6225, 0.3616, 0.3477



70.6225, 0.3565, 0.3646

Triad

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



70.6225, 0.3616, 0.3477



70.6225, 0.2918, 0.3518



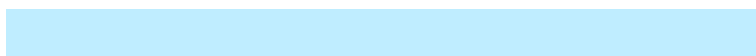
70.6225, 0.2854, 0.2880

Complementary

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



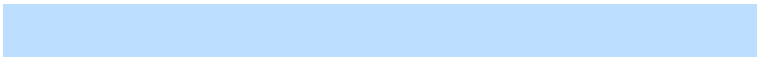
70.6225, 0.3616, 0.3477



78.8566, 0.2740, 0.3095

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.



70.6225, 0.2703, 0.2927



70.6225, 0.3616, 0.3477



70.6225, 0.2739, 0.3290

Square

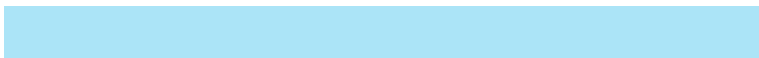
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.6225, 0.3616, 0.3477



70.6225, 0.3157, 0.3682



70.6225, 0.2662, 0.3073



70.6225, 0.3082, 0.2935

Rectangle

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



70.6225, 0.3616, 0.3477



70.6225, 0.3462, 0.3712



70.6225, 0.2662, 0.3073



70.6225, 0.2793, 0.2884

Sweetspot

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



70.6241, 0.3616, 0.3477



89.7560, 0.3260, 0.3347



64.6870, 0.3283, 0.2821



18.8192, 0.3287, 0.3358



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

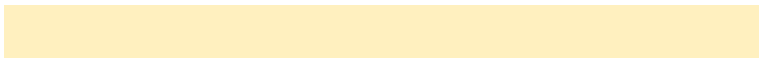
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.6241, 0.3616, 0.3477



65.8158, 0.3739, 0.3516



87.3795, 0.3541, 0.3782



18.8192, 0.3287, 0.3358



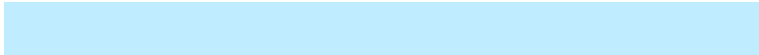
13.7303, 0.6010, 0.3610



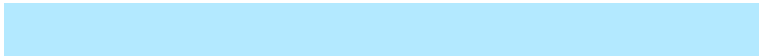
1.5123, 0.5790, 0.3785

Inverse Universe

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



78.8566, 0.2740, 0.3095



75.2900, 0.2666, 0.3051



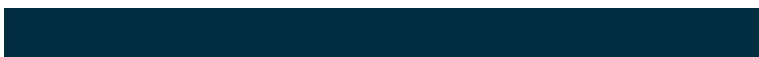
62.4028, 0.2708, 0.2744



19.5666, 0.2980, 0.3222



21.7868, 0.1985, 0.2345



2.3065, 0.2018, 0.2466

Previews

White Background



This preview shows how the Yxy color 70.6225, 0.3616, 0.3477 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 70.6225, 0.3616, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

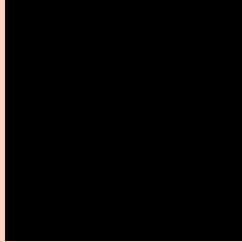
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.6225, 0.3616, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 70.6225, 0.3616, 0.3477.



This preview shows how white text looks on a background with the Yxy color 70.6225, 0.3616, 0.3477.

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

70.6225, 0.3616, 0.3477

Protanopia

70.6223, 0.3352, 0.3532

Deuteranopia

70.6741, 0.3572, 0.3500



Tritanopia

70.5699, 0.3401, 0.3149

Trichromacy



Original Color

70.6225, 0.3616, 0.3477

Protanomaly

70.6731, 0.3448, 0.3516

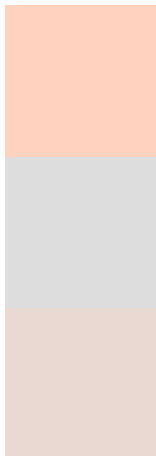
Deuteranomaly

70.5502, 0.3590, 0.3489

Tritanomaly

70.4891, 0.3483, 0.3271

Monochromacy



Original Color

70.6225, 0.3616, 0.3477

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.6025, 0.3293, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.6225, 0.3616, 0.3477 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, 209, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 191)  
}
```

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, 209, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 191) }
```

Border

The CSS property to change the border of an element to Yxy 70.6225, 0.3616, 0.3477 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, 209, 191) }
```

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

```
.border{ border-color:rgb(255, 209, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 70.6225, 0.3616, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 191) }
```

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

```
.background{ background-color: rgb(255,  
209, 191) }
```

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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