

Converting Colors

$Y_{xy}(75.9131, 0.3451, 0.3362)$

Have a look what the booklet for
Yxy(75.9131, 0.3451, 0.3362)
contains.

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Color

Yxy(76.1060, 0.3449, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAD3
RGB	255, 218, 211
RGB Percent	100%, 85%, 83%
CMY	0.0000, 0.1451, 0.1726
CMYK	0.00, 0.15, 0.17, 0.00
HSL	10°, 100%, 91%
HSV	10°, 17%, 100%
XYZ	78.0754, 76.1060, 72.1898
YIQ	228.2650, 24.2990, 5.6670

Conversions

Conversions Part 2

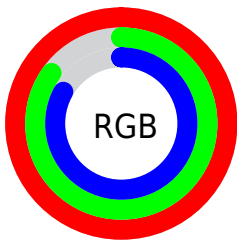
Format	Color
R _Y B	255, 219, 211
Decimal	16767699
CIE Lab	89.91, 11.77, 8.21
CIE LCh	90, 14.345, 34.890
Yxy	76.1060, 0.3449, 0.3362
Android (android.graphics.Color)	4294957779 (0xFFFFDAD3)
YUV	228.2650, -8.5116, 23.4466
Hunter-Lab	87.2388, 7.0830, 12.0048

Details

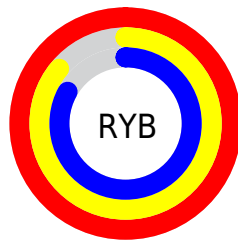
The Yxy color **76.1060, 0.3449, 0.3362** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.1913, 0.2862, 0.3217**, and the grayscale version is **77.8336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6345, 0.3521, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **64.5168, 0.3692, 0.3407**, and if you desaturate by 10%, it is **89.3311, 0.3249, 0.3319**.

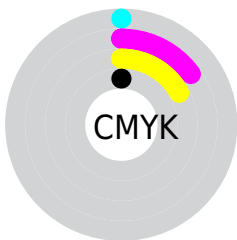
Distribution



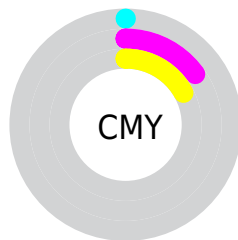
- Red (100%)
- Green (85%)
- Blue (83%)



- Red (100%)
- Yellow (86%)
- Blue (83%)



- Cyan (0%)
- Magenta (15%)
- Yellow (17%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.1060, 0.3449, 0.3362 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 76.1060, 0.3449, 0.3362 by changing the saturation by 10% instead.


 76.1060, 0.3449,
0.3362

 76.1060, 0.3449,
0.3362


481.7105, 0.3300,
0.3331

 56.5194, 0.3483,
0.3369


127.8767, 0.3397,
0.3352

 40.6195, 0.3525,
0.3376


160.8297, 0.3377,
0.3347

 28.0219, 0.3578,
0.3386


199.0069, 0.3360,
0.3344

 18.3422, 0.3648,
0.3398

242.7927, 0.3345,
0.3341

 11.1959, 0.3742,
0.3413

292.5716, 0.3332,
0.3338

 6.1988, 0.3878,
0.3431

348.7280, 0.3320,

 2.9663, 0.4090,

0.3335

0.3454

411.6461, 0.3310,
0.3333

■ 1.1142, 0.4519,
0.3520

■ 0.0000, 1.0000,
0.0000

■ 76.1060, 0.3449,
0.3362

■ 76.1060, 0.3449,
0.3362

■ 64.5168, 0.3692,
0.3407

■ 89.3311, 0.3249,
0.3319

■ 54.5063, 0.3986,
0.3452

100.0000, 0.3127,
0.3290

■ 46.0037, 0.4335,
0.3493

■ 38.9353, 0.4734,
0.3525

■ 33.2213, 0.5166,
0.3540

■ 28.7739, 0.5594,
0.3529

■ 25.4947, 0.5961,
0.3488

■ 23.2695, 0.6216,
0.3422

■ 22.8212, 0.6269,
0.3405

Harmonies

Analogous

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



76.1060, 0.3353, 0.3216



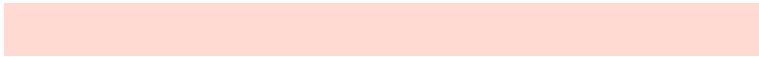
76.1060, 0.3449, 0.3362



76.1060, 0.3456, 0.3495

Triad

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



76.1060, 0.3449, 0.3362



76.1060, 0.3053, 0.3502



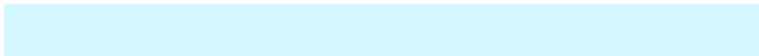
76.1060, 0.2883, 0.3009

Complementary

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



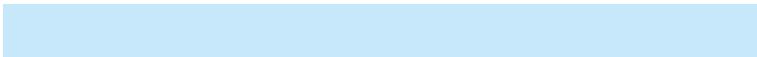
76.1060, 0.3449, 0.3362



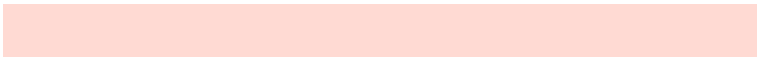
88.1913, 0.2862, 0.3217

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.



76.1060, 0.2808, 0.3076



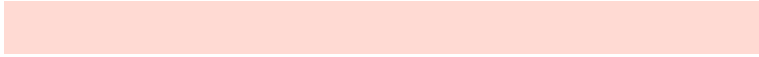
76.1060, 0.3449, 0.3362



76.1060, 0.2904, 0.3362

Square

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



76.1060, 0.3449, 0.3362



76.1060, 0.3224, 0.3582



76.1060, 0.2816, 0.3204



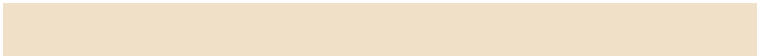
76.1060, 0.3024, 0.3016

Rectangle

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



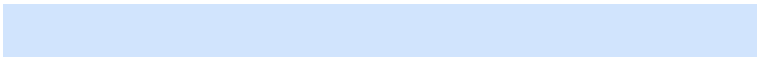
76.1060, 0.3449, 0.3362



76.1060, 0.3409, 0.3557



76.1060, 0.2816, 0.3204



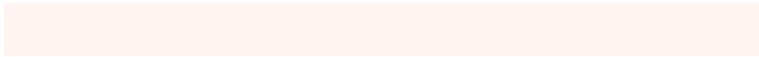
76.1060, 0.2850, 0.3023

Sweetspot

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



76.1036, 0.3449, 0.3362



92.5571, 0.3209, 0.3310



74.6414, 0.3192, 0.2922



19.5945, 0.3221, 0.3313



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.



76.1036, 0.3449, 0.3362



71.5840, 0.3534, 0.3379



88.0434, 0.3412, 0.3575



18.4544, 0.3290, 0.3329



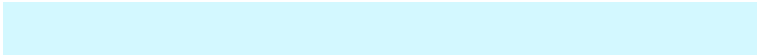
12.0619, 0.6248, 0.3421



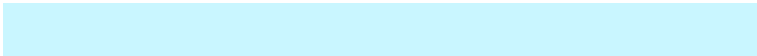
1.3022, 0.6058, 0.3572

Inverse Universe

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



88.1913, 0.2862, 0.3217



85.8948, 0.2807, 0.3199



75.6702, 0.2851, 0.2988



19.9593, 0.2980, 0.3251



29.1815, 0.2104, 0.2773



2.9676, 0.2122, 0.2838

Previews

White Background



This preview shows how the Yxy color 76.1060, 0.3449, 0.3362 looks on a white background.

Color Contrast Check

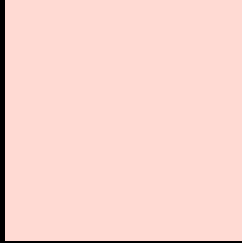
Large Text (above 18pt) WCAG AA × Fail

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 76.1060, 0.3449, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

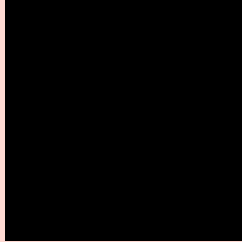
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

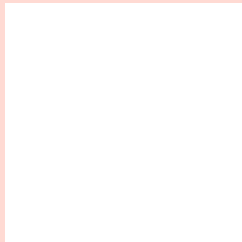
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1060, 0.3449, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 76.1060, 0.3449, 0.3362.

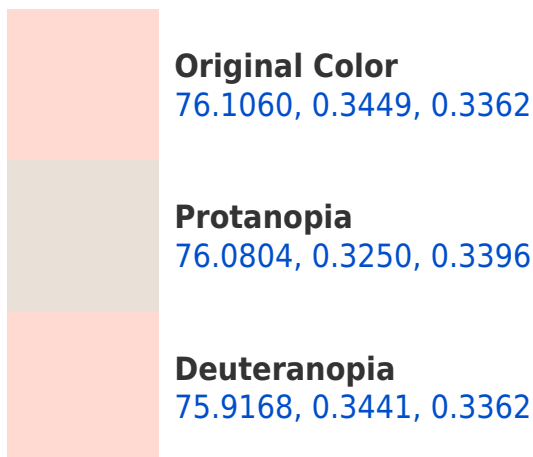


This preview shows how white text looks on a background with the Yxy color 76.1060, 0.3449, 0.3362.

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

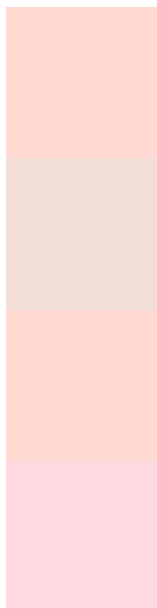




Tritanopia

76.1413, 0.3309, 0.3141

Trichromacy



Original Color

76.1060, 0.3449, 0.3362

Protanomaly

75.7984, 0.3318, 0.3374

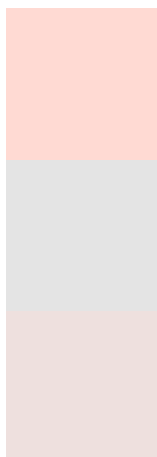
Deuteranomaly

75.9168, 0.3441, 0.3362

Tritanomaly

76.2675, 0.3357, 0.3220

Monochromacy



Original Color

76.1060, 0.3449, 0.3362

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.7624, 0.3239, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1060, 0.3449, 0.3362 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, 218, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 211)  
}
```

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, 218, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 211) }
```

Border

The CSS property to change the border of an element to Yxy 76.1060, 0.3449, 0.3362 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, 218, 211) }
```

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

```
.border{ border-color:rgb(255, 218, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1060, 0.3449, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 211) }
```

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

```
.background{ background-color: rgb(255,  
218, 211) }
```

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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