

Converting Colors

$Yxy(76.0497, 0.3458, 0.3075)$

Have a look what the booklet for
Yxy(76.0497, 0.3458, 0.3075)
contains.

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Color

Yxy(72.1413, 0.3318, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0E7
RGB	255, 208, 231
RGB Percent	100%, 82%, 91%
CMY	0.0000, 0.1843, 0.0942
CMYK	0.00, 0.18, 0.09, 0.00
HSL	331°, 100%, 91%
HSV	331°, 18%, 100%
XYZ	78.2238, 72.1413, 85.3908
YIQ	224.6750, 20.6290, 17.1170

Conversions

Conversions Part 2

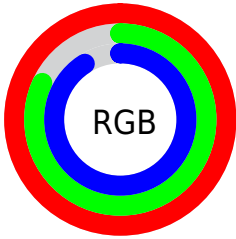
Format	Color
R _Y B	255, 208, 231
Decimal	16765159
CIE Lab	88.04, 20.13, -5.06
CIE LCh	88, 20.759, 345.883
Yxy	72.1413, 0.3318, 0.3060
Android (android.graphics.Color)	4294955239 (0xFFFFD0E7)
YUV	224.6750, 3.1182, 26.5950
Hunter-Lab	84.9360, 15.7556, -0.1522

Details

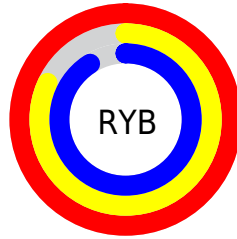
The Yxy color $72.1413, 0.3318, 0.3060$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $90.7568, 0.2971, 0.3532$, and the grayscale version is $75.0133, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.8834, 0.3368, 0.3008$ is the 20% darker color. If you saturate the color by 10%, you get $59.9804, 0.3452, 0.2928$, and if you desaturate by 10%, it is $86.3535, 0.3206, 0.3188$.

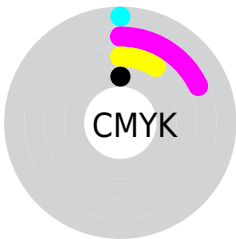
Distribution



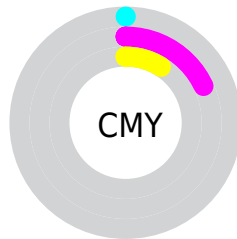
- Red (100%)
- Green (82%)
- Blue (91%)



- Red (100%)
- Yellow (82%)
- Blue (91%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1413, 0.3318, 0.3060 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 72.1413, 0.3318, 0.3060 by changing the saturation by 10% instead.


 72.1413, 0.3318,
0.3060

 72.1413, 0.3318,
0.3060


468.0333, 0.3231,
0.3165

 53.2741, 0.3338,
0.3036


122.2574, 0.3288,
0.3096

 38.0216, 0.3362,
0.3008


154.2751, 0.3276,
0.3110

 25.9995, 0.3393,
0.2971


191.4451, 0.3266,
0.3122

 16.8233, 0.3433,
0.2924

234.1518, 0.3257,
0.3133

 10.1086, 0.3487,
0.2861

282.7795, 0.3249,
0.3142

 5.4710, 0.3565,
0.2772

337.7128, 0.3242,

 2.5262, 0.3685,

0.3151

0.2636

399.3359, 0.3236,
0.3158

0.8897, 0.3894,
0.2405

0.0000, 0.7083,
0.0000

72.1413, 0.3318,
0.3060

72.1413, 0.3318,
0.3060

59.9804, 0.3452,
0.2928

86.3535, 0.3206,
0.3188

49.7779, 0.3612,
0.2796

100.0000, 0.3127,
0.3290

41.4283, 0.3800,
0.2672

34.8172, 0.4016,
0.2565

■ 29.8179, 0.4255,
0.2487

■ 26.2859, 0.4509,
0.2452

■ 24.0503, 0.4766,
0.2470

■ 22.8726, 0.5011,
0.2541

■ 22.7332, 0.5049,
0.2555

Harmonies

Analogous

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



72.1413, 0.3064, 0.2922



72.1413, 0.3318, 0.3060



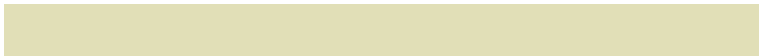
72.1413, 0.3526, 0.3255

Triad

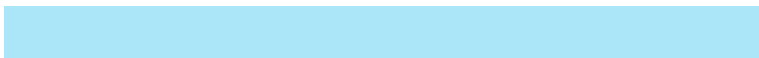
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1413, 0.3318, 0.3060



72.1413, 0.3415, 0.3733



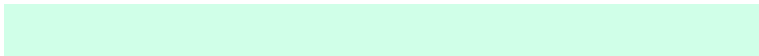
72.1413, 0.2655, 0.3082

Complementary

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



72.1413, 0.3318, 0.3060



90.7568, 0.2971, 0.3532

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.



72.1413, 0.2741, 0.3306



72.1413, 0.3318, 0.3060



72.1413, 0.3175, 0.3697

Square

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



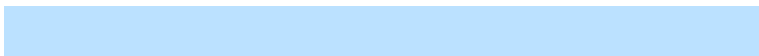
72.1413, 0.3318, 0.3060



72.1413, 0.3581, 0.3643



72.1413, 0.2929, 0.3537



72.1413, 0.2689, 0.2927

Rectangle

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



72.1413, 0.3318, 0.3060



72.1413, 0.3606, 0.3397



72.1413, 0.2929, 0.3537



72.1413, 0.2671, 0.3151

Sweetspot

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



72.1401, 0.3318, 0.3060



90.1303, 0.3182, 0.3218



69.4037, 0.2982, 0.2807



19.0718, 0.3188, 0.3210



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.



72.1401, 0.3318, 0.3060



67.5703, 0.3363, 0.3013



70.9255, 0.3489, 0.3291



18.1352, 0.3217, 0.3174



11.9085, 0.5011, 0.2534



1.1815, 0.4751, 0.2391

Inverse Universe

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



72.1401, 0.3318, 0.3060



67.5703, 0.3363, 0.3013



92.1498, 0.2849, 0.3289



18.1352, 0.3217, 0.3174



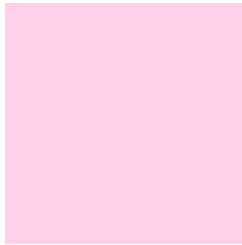
11.9085, 0.5011, 0.2534



1.1815, 0.4751, 0.2391

Previews

White Background



This preview shows how the Yxy color 72.1413, 0.3318, 0.3060 looks on a white background.

Color Contrast Check

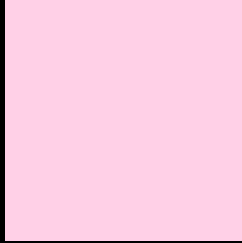
Large Text (above 18pt) WCAG AA × Fail

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 72.1413, 0.3318, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

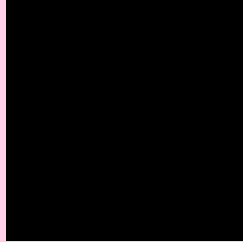
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.1413, 0.3318, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 72.1413, 0.3318, 0.3060.

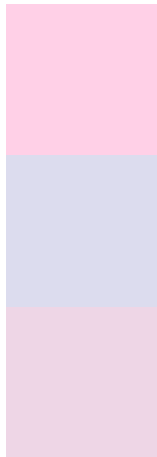


This preview shows how white text looks on a background with the Yxy color 72.1413, 0.3318, 0.3060.

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

72.1413, 0.3318, 0.3060

Protanopia

72.5751, 0.3011, 0.3098

Deuteranopia

71.9834, 0.3193, 0.3124



Tritanopia

72.1080, 0.3353, 0.3129

Trichromacy



Original Color

72.1413, 0.3318, 0.3060

Protanomaly

72.4335, 0.3122, 0.3091

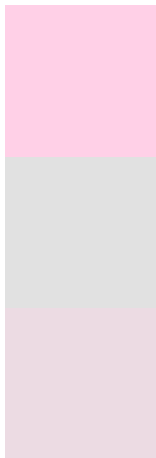
Deuteranomaly

72.0332, 0.3239, 0.3105

Tritanomaly

72.2178, 0.3338, 0.3109

Monochromacy



Original Color

72.1413, 0.3318, 0.3060

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.0420, 0.3196, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1413, 0.3318, 0.3060 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 231) }
```

Border

The CSS property to change the border of an element to Yxy 72.1413, 0.3318, 0.3060 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, 231) }
```

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

```
.border{ border-color:rgb(255, 208, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1413, 0.3318, 0.3060 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, 231) }
```

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

```
.background{ background-color: rgb(255,  
208, 231) }
```

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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