

Converting Colors

$Y_{xy}(77.1771, 0.3506, 0.3113)$

Have a look what the booklet for
Yxy(77.1771, 0.3506, 0.3113)
contains.

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Color

Yxy(72.4624, 0.3338, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1E4
RGB	255, 209, 228
RGB Percent	100%, 82%, 89%
CMY	0.0002, 0.1803, 0.1059
CMYK	0.00, 0.18, 0.11, 0.00
HSL	335°, 100%, 91%
HSV	335°, 18%, 100%
XYZ	78.0256, 72.4624, 83.2616
YIQ	224.9200, 21.3170, 15.6610

Conversions

Conversions Part 2

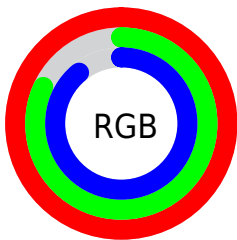
Format	Color
R _Y B	255, 209, 228
Decimal	16765412
CIE Lab	88.19, 19.07, -3.25
CIE LCh	88, 19.347, 350.324
Yxy	72.4624, 0.3338, 0.3100
Android (android.graphics.Color)	4294955492 (0xFFFFD1E4)
YUV	224.9200, 1.5184, 26.3802
Hunter-Lab	85.1248, 14.6450, 1.5951

Details

The Yxy color $72.4624, 0.3338, 0.3100$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $91.0969, 0.2956, 0.3488$, and the grayscale version is $75.2103, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.1341, 0.3386, 0.3046$ is the 20% darker color. If you saturate the color by 10%, you get $60.1427, 0.3491, 0.2988$, and if you desaturate by 10%, it is $86.8622, 0.3212, 0.3208$.

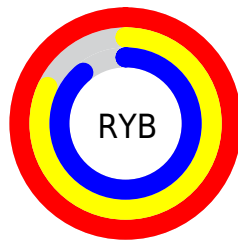
Distribution



Red (100%)

Green (82%)

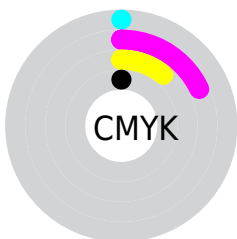
Blue (89%)



Red (100%)

Yellow (82%)

Blue (89%)

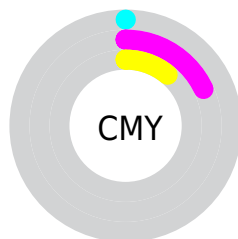


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4624, 0.3338, 0.3100 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 72.4624, 0.3338, 0.3100 by changing the saturation by 10% instead.


 72.4624, 0.3338,
0.3100

 72.4624, 0.3338,
0.3100


469.1495, 0.3241,
0.3187

 53.5365, 0.3360,
0.3080


122.7137, 0.3304,
0.3130

 38.2312, 0.3387,
0.3056


154.8079, 0.3291,
0.3142

 26.1622, 0.3422,
0.3026


192.0603, 0.3280,
0.3152

 16.9450, 0.3467,
0.2986

234.8553, 0.3270,
0.3161

 10.1953, 0.3528,
0.2933

283.5774, 0.3262,
0.3168

 5.5286, 0.3616,
0.2857

338.6108, 0.3254,

 2.5606, 0.3753,

0.3175

0.2741

400.3400, 0.3247,
0.3181

0.9069, 0.3996,
0.2540

0.0000, 0.9675,
0.0000

72.4624, 0.3338,
0.3100

72.4624, 0.3338,
0.3100

60.1427, 0.3491,
0.2988

86.8622, 0.3212,
0.3208

49.7967, 0.3676,
0.2876

99.9886, 0.3127,
0.3290

41.3228, 0.3895,
0.2770

34.6069, 0.4148,
0.2680

■ 29.5220, 0.4431,
0.2618

■ 25.9236, 0.4734,
0.2598

■ 23.6417, 0.5037,
0.2629

■ 22.4467, 0.5319,
0.2714

■ 22.2738, 0.5373,
0.2734

Harmonies

Analogous

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



72.4624, 0.3104, 0.2961



72.4624, 0.3338, 0.3100



72.4624, 0.3519, 0.3288

Triad

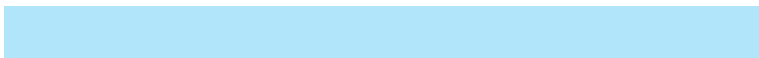
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.4624, 0.3338, 0.3100



72.4624, 0.3365, 0.3704



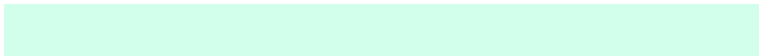
72.4624, 0.2684, 0.3070

Complementary

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



72.4624, 0.3338, 0.3100



91.0969, 0.2956, 0.3488

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.



72.4624, 0.2749, 0.3273



72.4624, 0.3338, 0.3100



72.4624, 0.3137, 0.3652

Square

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



72.4624, 0.3338, 0.3100



72.4624, 0.3533, 0.3638



72.4624, 0.2912, 0.3490



72.4624, 0.2732, 0.2938

Rectangle

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



72.4624, 0.3338, 0.3100



72.4624, 0.3582, 0.3420



72.4624, 0.2912, 0.3490



72.4624, 0.2693, 0.3132

Sweetspot

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



72.4656, 0.3338, 0.3100



91.6604, 0.3178, 0.3239



70.6331, 0.3012, 0.2823



19.3777, 0.3186, 0.3232



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

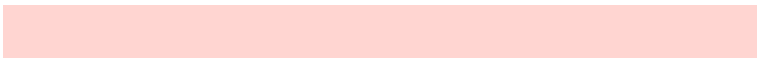
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4656, 0.3338, 0.3100



67.3381, 0.3396, 0.3056



73.3703, 0.3472, 0.3330



18.1114, 0.3229, 0.3192



11.6728, 0.5331, 0.2711



1.1576, 0.5035, 0.2547

Inverse Universe

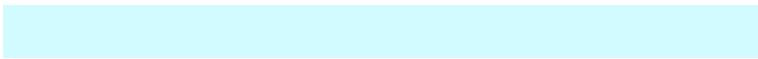
The Inverse Universe completely reimagines the original color for something new.



72.4656, 0.3338, 0.3100



67.3381, 0.3396, 0.3056



89.8418, 0.2853, 0.3250



18.1114, 0.3229, 0.3192



11.6728, 0.5331, 0.2711



1.1576, 0.5035, 0.2547

Previews

White Background



This preview shows how the Yxy color 72.4624, 0.3338, 0.3100 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 72.4624, 0.3338, 0.3100 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 72.4624, 0.3338, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 72.4624, 0.3338, 0.3100.

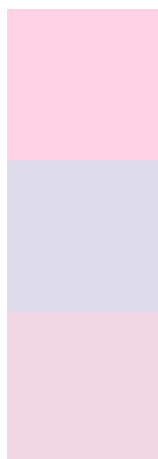


This preview shows how white text looks on a background with the Yxy color 72.4624, 0.3338, 0.3100.

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

72.4624, 0.3338, 0.3100

Protanopia

72.7142, 0.3044, 0.3130

Deuteranopia

72.6722, 0.3228, 0.3166



Tritanopia

72.3519, 0.3353, 0.3119

Trichromacy



Original Color

72.4624, 0.3338, 0.3100

Protanomaly

72.4304, 0.3149, 0.3123

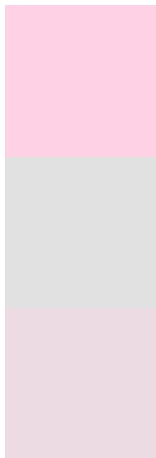
Deuteranomaly

72.5470, 0.3267, 0.3146

Tritanomaly

72.4070, 0.3346, 0.3110

Monochromacy



Original Color

72.4624, 0.3338, 0.3100

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

73.9869, 0.3202, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4624, 0.3338, 0.3100 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 228) }
```

Border

The CSS property to change the border of an element to Yxy 72.4624, 0.3338, 0.3100 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, 228) }
```

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

```
.border{ border-color:rgb(255, 209, 228) }
```

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, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4624, 0.3338, 0.3100 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, 228) }
```

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

```
.background{ background-color: rgb(255,  
209, 228) }
```

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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