

Converting Colors

$Y_{xy}(73.2733, 0.3279, 0.2982)$

Have a look what the booklet for
Yxy(73.2733, 0.3279, 0.2982)
contains.

| | |
|---|----|
| Yxy(72.6037, 0.3260, 0.2982) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(72.6037, 0.3260, 0.2982)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFD0EF |
| RGB | 255, 208, 239 |
| RGB Percent | 100%, 82%, 94% |
| CMY | 0.0001, 0.1843, 0.0627 |
| CMYK | 0.00, 0.18, 0.06, 0.00 |
| HSL | 320°, 100%, 91% |
| HSV | 320°, 18%, 100% |
| XYZ | 79.3723, 72.6037, 91.4972 |
| YIQ | 225.5870, 18.0610, 19.6050 |

Conversions

Conversions Part 2

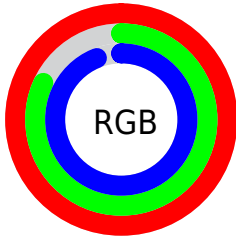
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 208, 239 |
| Decimal | 16765167 |
| CIE Lab | 88.26, 21.46, -8.98 |
| CIE LCh | 88, 23.260, 337.299 |
| Yxy | 72.6037, 0.3260, 0.2982 |
| Android (android.graphics.Color) | 4294955247 (0xFFFFD0EF) |
| YUV | 225.5870, 6.6126, 25.7952 |
| Hunter-Lab | 85.2078, 17.1616, -4.0209 |

Details

The Yxy color $72.6037, 0.3260, 0.2982$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.3033, 0.3015, 0.3619$, and the grayscale version is $75.6827, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.2071, 0.3291, 0.2909$ is the 20% darker color. If you saturate the color by 10%, you get $60.6555, 0.3351, 0.2807$, and if you desaturate by 10%, it is $86.5816, 0.3183, 0.3152$.

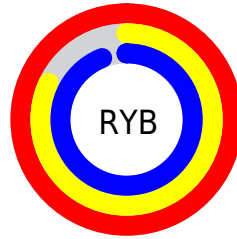
Distribution



Red (100%)

Green (82%)

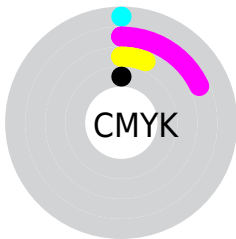
Blue (94%)



Red (100%)

Yellow (82%)

Blue (94%)

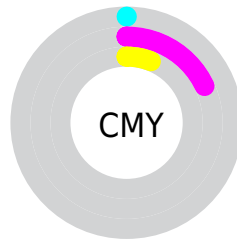


Cyan (0%)

Magenta (18%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6037, 0.3260, 0.2982 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 72.6037, 0.3260, 0.2982 by changing the saturation by 10% instead.


 72.6037, 0.3260,
0.2982

 72.6037, 0.3260,
0.2982


469.6401, 0.3200,
0.3121

 53.6520, 0.3273,
0.2951


122.9144, 0.3240,
0.3030

 38.3235, 0.3289,
0.2913


155.0423, 0.3232,
0.3048

 26.2339, 0.3310,
0.2866


192.3309, 0.3225,
0.3064

 16.9987, 0.3336,
0.2805

235.1647, 0.3219,
0.3079

 10.2335, 0.3370,
0.2725

283.9282, 0.3213,
0.3091

 5.5541, 0.3418,
0.2612


339.0056, 0.3208,


 2.5759, 0.3489,


0.3102


0.2444


400.7815, 0.3204,
0.3112

 0.9146, 0.3605,
0.2167


 0.0000, 0.4492,
0.0000

 72.6037, 0.3260,
0.2982


 72.6037, 0.3260,
0.2982

 60.6555, 0.3351,
0.2807

 86.5816, 0.3183,
0.3152

 50.6318, 0.3456,
0.2634

99.9972, 0.3127,
0.3290

 42.4323, 0.3576,
0.2470

 35.9437, 0.3710,
0.2326

■ 31.0401, 0.3855,
0.2213

■ 27.5781, 0.4005,
0.2142

■ 25.3881, 0.4157,
0.2121

■ 24.2327, 0.4303,
0.2150

■ 24.0940, 0.4327,
0.2157

Harmonies

Analogous

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



72.6037, 0.2976, 0.2854



72.6037, 0.3260, 0.2982



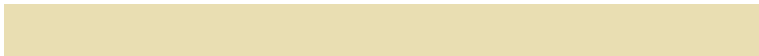
72.6037, 0.3517, 0.3184

Triad

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



72.6037, 0.3260, 0.2982



72.6037, 0.3512, 0.3769



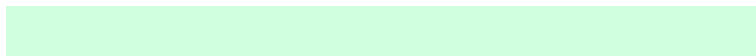
72.6037, 0.2615, 0.3122

Complementary

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



72.6037, 0.3260, 0.2982



90.3033, 0.3015, 0.3619

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.



72.6037, 0.2746, 0.3384



72.6037, 0.3260, 0.2982



72.6037, 0.3260, 0.3774

Square

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



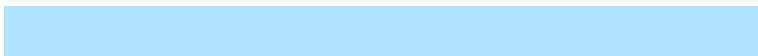
72.6037, 0.3260, 0.2982



72.6037, 0.3665, 0.3633



72.6037, 0.2980, 0.3631



72.6037, 0.2615, 0.2922

Rectangle

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



72.6037, 0.3260, 0.2982



72.6037, 0.3633, 0.3340



72.6037, 0.2980, 0.3631



72.6037, 0.2645, 0.3205

Sweetspot

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



72.6069, 0.3260, 0.2982



90.2930, 0.3166, 0.3193



68.1308, 0.2927, 0.2800



19.1102, 0.3170, 0.3182



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.



72.6069, 0.3260, 0.2982



68.1123, 0.3291, 0.2920



71.3240, 0.3429, 0.3211



18.1892, 0.3190, 0.3134



12.6204, 0.4303, 0.2144



1.2493, 0.4146, 0.2058

Inverse Universe

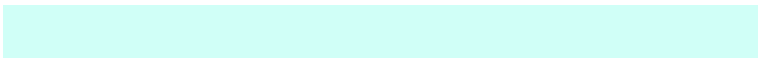
The Inverse Universe completely reimagines the original color for something new.



72.6069, 0.3260, 0.2982



68.1123, 0.3291, 0.2920



91.6471, 0.2890, 0.3371



18.1892, 0.3190, 0.3134



12.6204, 0.4303, 0.2144



1.2493, 0.4146, 0.2058

Previews

White Background



This preview shows how the Yxy color 72.6037, 0.3260, 0.2982 looks on a white background.

Color Contrast Check

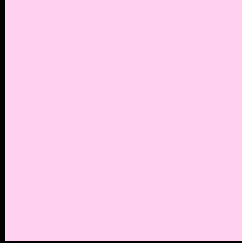
Large Text (above 18pt) WCAG AA × Fail

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 72.6037, 0.3260, 0.2982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

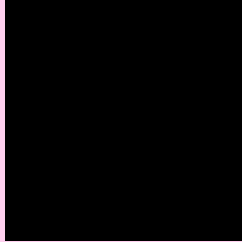
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.6037, 0.3260, 0.2982

Background



This preview shows how black text looks on a background with the Yxy color 72.6037, 0.3260, 0.2982.



This preview shows how white text looks on a background with the Yxy color 72.6037, 0.3260, 0.2982.

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

72.6037, 0.3260, 0.2982

Protanopia

72.8072, 0.2941, 0.3004

Deuteranopia

72.6068, 0.3124, 0.3052



Tritanopia

72.4668, 0.3337, 0.3129

Trichromacy



Original Color

72.6037, 0.3260, 0.2982

Protanomaly

72.6323, 0.3049, 0.2999

Deuteranomaly

72.3147, 0.3176, 0.3024

Tritanomaly

72.4413, 0.3309, 0.3069

Monochromacy



Original Color

72.6037, 0.3260, 0.2982

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.4371, 0.3176, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6037, 0.3260, 0.2982 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 239) }
```

Border

The CSS property to change the border of an element to Yxy 72.6037, 0.3260, 0.2982 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, 239) }
```

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

```
.border{ border-color:rgb(255, 208, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6037, 0.3260, 0.2982 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, 239) }
```

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

```
.background{ background-color: rgb(255,  
208, 239) }
```

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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