

Converting Colors

$Y_{xy}(72.3142, 0.3270, 0.2991)$

Have a look what the booklet for
Yxy(72.3142, 0.3270, 0.2991)
contains.

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Color

Yxy(72.5448, 0.3267, 0.2992)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0EE
RGB	255, 208, 238
RGB Percent	100%, 82%, 93%
CMY	0.0002, 0.1842, 0.0667
CMYK	0.00, 0.18, 0.07, 0.00
HSL	322°, 100%, 91%
HSV	322°, 18%, 100%
XYZ	79.2125, 72.5448, 90.7052
YIQ	225.4730, 18.3820, 19.2940

Conversions

Conversions Part 2

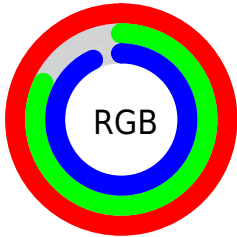
Format	Color
R _Y B	255, 208, 238
Decimal	16765166
CIE Lab	88.23, 21.26, -8.48
CIE LCh	88, 22.891, 338.260
Yxy	72.5448, 0.3267, 0.2992
Android (android.graphics.Color)	4294955246 (0xFFFFD0EE)
YUV	225.4730, 6.1758, 25.8952
Hunter-Lab	85.1732, 16.9548, -3.5196

Details

The Yxy color **72.5448, 0.3267, 0.2992** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.3372, 0.3010, 0.3608**, and the grayscale version is **75.5968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1656, 0.3301, 0.2921** is the 20% darker color. If you saturate the color by 10%, you get **60.5693, 0.3363, 0.2823**, and if you desaturate by 10%, it is **86.5526, 0.3185, 0.3157**.

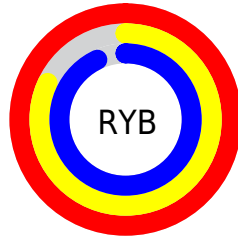
Distribution



Red (100%)

Green (82%)

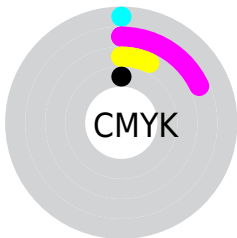
Blue (93%)



Red (100%)

Yellow (82%)

Blue (93%)

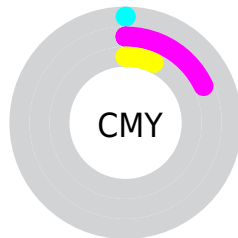


Cyan (0%)

Magenta (18%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.5448, 0.3267, 0.2992 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 72.5448, 0.3267, 0.2992 by changing the saturation by 10% instead.


 72.5448, 0.3267,
0.2992

 72.5448, 0.3267,
0.2992


469.4356, 0.3204,
0.3127

 53.6038, 0.3281,
0.2962

122.8308, 0.3245,
0.3038

 38.2850, 0.3298,
0.2925


154.9446, 0.3237,
0.3056

 26.2040, 0.3320,
0.2880

192.2181, 0.3230,
0.3072

 16.9763, 0.3347,
0.2821

235.0358, 0.3223,
0.3086

 10.2176, 0.3384,
0.2742

283.7820, 0.3218,
0.3098

 5.5435, 0.3436,
0.2632

338.8411, 0.3212,

 2.5695, 0.3513,

0.3108

0.2468

400.5975, 0.3208,
0.3118

0.9114, 0.3640,
0.2197

0.0000, 0.4673,
0.0000

72.5448, 0.3267,
0.2992

72.5448, 0.3267,
0.2992

60.5693, 0.3363,
0.2823

86.5526, 0.3185,
0.3157

50.5209, 0.3475,
0.2654

99.9903, 0.3127,
0.3290

42.2992, 0.3603,
0.2495

35.7911, 0.3747,
0.2355

■ 30.8705, 0.3902,
0.2246

■ 27.3942, 0.4065,
0.2179

■ 25.1923, 0.4229,
0.2163

■ 24.0282, 0.4388,
0.2197

■ 23.8869, 0.4413,
0.2205

Harmonies

Analogous

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



72.5448, 0.2987, 0.2863



72.5448, 0.3267, 0.2992



72.5448, 0.3518, 0.3193

Triad

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



72.5448, 0.3267, 0.2992



72.5448, 0.3500, 0.3764



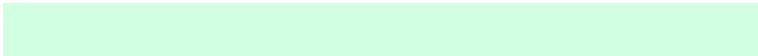
72.5448, 0.2621, 0.3117

Complementary

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



72.5448, 0.3267, 0.2992



90.3372, 0.3010, 0.3608

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.



72.5448, 0.2746, 0.3374



72.5448, 0.3267, 0.2992



72.5448, 0.3249, 0.3764

Square

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



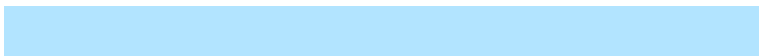
72.5448, 0.3267, 0.2992



72.5448, 0.3654, 0.3634



72.5448, 0.2974, 0.3618



72.5448, 0.2624, 0.2924

Rectangle

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



72.5448, 0.3267, 0.2992



72.5448, 0.3629, 0.3347



72.5448, 0.2974, 0.3618



72.5448, 0.2649, 0.3199

Sweetspot

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



72.5480, 0.3267, 0.2992



90.2725, 0.3168, 0.3196



68.2615, 0.2933, 0.2801



19.1054, 0.3173, 0.3185



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.



72.5480, 0.3267, 0.2992



68.0428, 0.3300, 0.2931



71.2854, 0.3435, 0.3219



18.1824, 0.3194, 0.3139



12.5167, 0.4388, 0.2191



1.2397, 0.4218, 0.2097

Inverse Universe

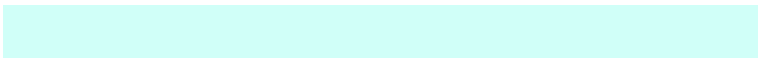
The Inverse Universe completely reimagines the original color for something new.



72.5480, 0.3267, 0.2992



68.0428, 0.3300, 0.2931



91.6733, 0.2886, 0.3362



18.1824, 0.3194, 0.3139



12.5167, 0.4388, 0.2191



1.2397, 0.4218, 0.2097

Previews

White Background



This preview shows how the Yxy color 72.5448, 0.3267, 0.2992 looks on a white background.

Color Contrast Check

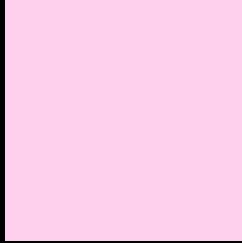
Large Text (above 18pt) WCAG AA × Fail

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 72.5448, 0.3267, 0.2992 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 72.5448, 0.3267, 0.2992

Background



This preview shows how black text looks on a background with the Yxy color 72.5448, 0.3267, 0.2992.



This preview shows how white text looks on a background with the Yxy color 72.5448, 0.3267, 0.2992.

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

72.5448, 0.3267, 0.2992

Protanopia

72.8390, 0.2960, 0.3025

Deuteranopia

72.5482, 0.3131, 0.3062



Tritanopia

72.4668, 0.3337, 0.3129

Trichromacy



Original Color

72.5448, 0.3267, 0.2992

Protanomaly

72.6783, 0.3069, 0.3020

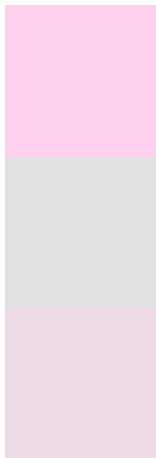
Deuteranomaly

72.2561, 0.3183, 0.3034

Tritanomaly

72.3849, 0.3316, 0.3079

Monochromacy



Original Color

72.5448, 0.3267, 0.2992

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.2091, 0.3175, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5448, 0.3267, 0.2992 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 238) }
```

Border

The CSS property to change the border of an element to Yxy 72.5448, 0.3267, 0.2992 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, 238) }
```

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

```
.border{ border-color:rgb(255, 208, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5448, 0.3267, 0.2992 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, 238) }
```

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

```
.background{ background-color: rgb(255,  
208, 238) }
```

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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