

Converting Colors

$Y_{xy}(73.5262, 0.3266, 0.3012)$

Have a look what the booklet for
Yxy(73.5262, 0.3266, 0.3012)
contains.

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Color

Yxy(73.5262, 0.3266, 0.3012)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2EE
RGB	255, 210, 238
RGB Percent	100%, 82%, 93%
CMY	0.0000, 0.1765, 0.0668
CMYK	0.00, 0.18, 0.07, 0.00
HSL	323°, 100%, 91%
HSV	323°, 18%, 100%
XYZ	79.7266, 73.5262, 90.8581
YIQ	226.6470, 17.8320, 18.2480

Conversions

Conversions Part 2

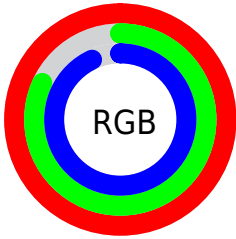
Format	Color
R _Y B	255, 210, 238
Decimal	16765678
CIE Lab	88.70, 20.26, -7.78
CIE LCh	89, 21.704, 339.000
Yxy	73.5262, 0.3266, 0.3012
Android (android.graphics.Color)	4294955758 (0xFFFFD2EE)
YUV	226.6470, 5.5970, 24.8656
Hunter-Lab	85.7474, 15.9085, -2.8006

Details

The Yxy color **73.5262, 0.3266, 0.3012** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.7679, 0.3010, 0.3585**, and the grayscale version is **76.4895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8259, 0.3298, 0.2947** is the 20% darker color. If you saturate the color by 10%, you get **61.3663, 0.3365, 0.2847**, and if you desaturate by 10%, it is **87.7138, 0.3182, 0.3173**.

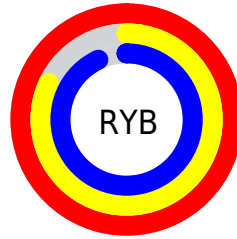
Distribution



Red (100%)

Green (82%)

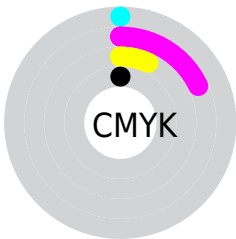
Blue (93%)



Red (100%)

Yellow (82%)

Blue (93%)

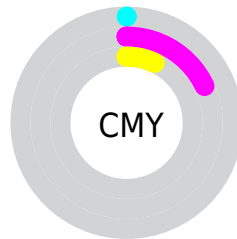


Cyan (0%)

Magenta (18%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5262, 0.3266, 0.3012 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 73.5262, 0.3266, 0.3012 by changing the saturation by 10% instead.


 73.5262, 0.3266,
0.3012

 73.5262, 0.3266,
0.3012


472.8365, 0.3203,
0.3137

 54.4063, 0.3280,
0.2984


124.2239, 0.3245,
0.3055

 38.9266, 0.3297,
0.2950


156.5706, 0.3236,
0.3072

 26.7026, 0.3318,
0.2907


194.0950, 0.3229,
0.3086

 17.3500, 0.3346,
0.2852

237.1815, 0.3222,
0.3099

 10.4844, 0.3383,
0.2779

286.2145, 0.3217,
0.3110

 5.7213, 0.3434,
0.2677

341.5784, 0.3212,

 2.6763, 0.3512,

0.3120

0.2524

403.6576, 0.3207,
0.3129

■ 0.9652, 0.3640,
0.2271

■ 0.0000, 0.4804,
0.0000

■ 73.5262, 0.3266,
0.3012

■ 73.5262, 0.3266,
0.3012

■ 61.3663, 0.3365,
0.2847

■ 87.7138, 0.3182,
0.3173

■ 51.1520, 0.3481,
0.2682

100.0000, 0.3127,
0.3290

■ 42.7759, 0.3614,
0.2526

■ 36.1255, 0.3764,
0.2387

■ 31.0758, 0.3927,
0.2279

■ 27.4848, 0.4099,
0.2211

■ 25.1853, 0.4274,
0.2195

■ 23.9563, 0.4443,
0.2230

■ 23.7471, 0.4482,
0.2243

Harmonies

Analogous

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



73.5262, 0.3002, 0.2888



73.5262, 0.3266, 0.3012



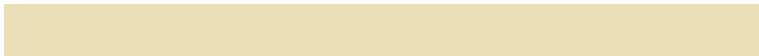
73.5262, 0.3500, 0.3204

Triad

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



73.5262, 0.3266, 0.3012



73.5262, 0.3474, 0.3739



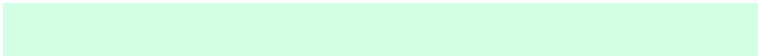
73.5262, 0.2647, 0.3122

Complementary

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



73.5262, 0.3266, 0.3012



90.7679, 0.3010, 0.3585

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.



73.5262, 0.2763, 0.3364



73.5262, 0.3266, 0.3012



73.5262, 0.3237, 0.3734

Square

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



73.5262, 0.3266, 0.3012



73.5262, 0.3622, 0.3620



73.5262, 0.2976, 0.3594



73.5262, 0.2653, 0.2941

Rectangle

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



73.5262, 0.3266, 0.3012



73.5262, 0.3603, 0.3350



73.5262, 0.2976, 0.3594



73.5262, 0.2673, 0.3199

Sweetspot

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



73.5218, 0.3266, 0.3012



91.8264, 0.3162, 0.3214



69.5594, 0.2947, 0.2823



19.4180, 0.3167, 0.3203



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.



73.5218, 0.3266, 0.3012



69.2267, 0.3297, 0.2957



72.3079, 0.3425, 0.3230



18.1770, 0.3196, 0.3143



12.4383, 0.4456, 0.2228



1.2323, 0.4275, 0.2129

Inverse Universe

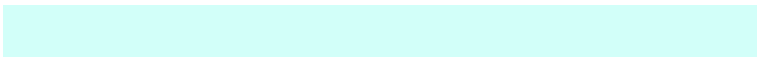
The Inverse Universe completely reimagines the original color for something new.



73.5218, 0.3266, 0.3012



69.2267, 0.3297, 0.2957



92.0603, 0.2892, 0.3351



18.1770, 0.3196, 0.3143



12.4383, 0.4456, 0.2228



1.2323, 0.4275, 0.2129

Previews

White Background



This preview shows how the Yxy color 73.5262, 0.3266, 0.3012 looks on a white background.

Color Contrast Check

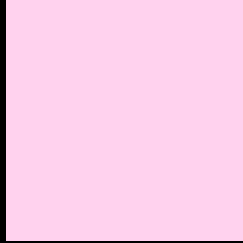
Large Text (above 18pt) WCAG AA × Fail

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 73.5262, 0.3266, 0.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

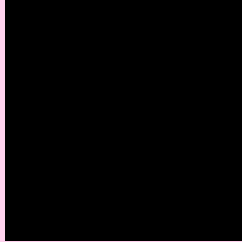
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.5262, 0.3266, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 73.5262, 0.3266, 0.3012.



This preview shows how white text looks on a background with the Yxy color 73.5262, 0.3266, 0.3012.

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

73.5262, 0.3266, 0.3012

Protanopia

73.5211, 0.2967, 0.3036

Deuteranopia

73.4033, 0.3144, 0.3073



Tritanopia

73.7592, 0.3327, 0.3130

Trichromacy



Original Color

73.5262, 0.3266, 0.3012

Protanomaly

73.3602, 0.3076, 0.3031

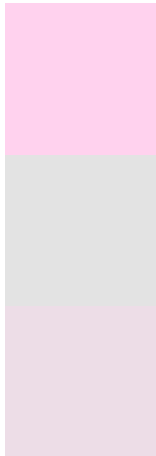
Deuteranomaly

73.4407, 0.3189, 0.3056

Tritanomaly

73.4856, 0.3300, 0.3080

Monochromacy



Original Color

73.5262, 0.3266, 0.3012

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.4869, 0.3175, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5262, 0.3266, 0.3012 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, 210, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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, 210, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 238) }
```

Border

The CSS property to change the border of an element to Yxy 73.5262, 0.3266, 0.3012 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, 210, 238) }
```

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

```
.border{ border-color:rgb(255, 210, 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, 210, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5262, 0.3266, 0.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 238) }
```

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

```
.background{ background-color: rgb(255,  
210, 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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