

Converting Colors

$Y_{xy}(95.2125, 0.3831, 0.2941)$

Have a look what the booklet for
Yxy(95.2125, 0.3831, 0.2941)
contains.

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Color

Yxy(73.4636, 0.3162, 0.2850)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0FD
RGB	255, 208, 253
RGB Percent	100%, 82%, 99%
CMY	0.0002, 0.1842, 0.0079
CMYK	0.00, 0.18, 0.01, 0.00
HSL	303°, 100%, 91%
HSV	303°, 18%, 100%
XYZ	81.5059, 73.4636, 102.7975
YIQ	227.1830, 13.5670, 23.9590

Conversions

Conversions Part 2

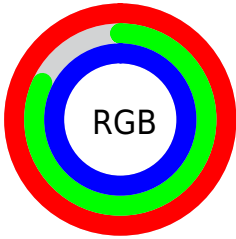
Format	Color
R _Y B	255, 208, 253
Decimal	16765181
CIE Lab	88.67, 23.87, -15.74
CIE LCh	89, 28.594, 326.602
Yxy	73.4636, 0.3162, 0.2850
Android (android.graphics.Color)	4294955261 (0xFFFFD0FD)
YUV	227.1830, 12.7278, 24.3955
Hunter-Lab	85.7109, 19.7487, -11.1119

Details

The Yxy color **73.4636, 0.3162, 0.2850** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.5479, 0.3093, 0.3773**, and the grayscale version is **76.8526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7738, 0.3171, 0.2754** is the 20% darker color. If you saturate the color by 10%, you get **61.9486, 0.3183, 0.2608**, and if you desaturate by 10%, it is **86.9834, 0.3142, 0.3092**.

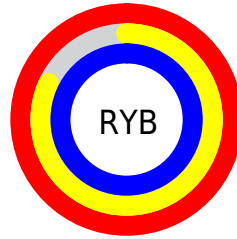
Distribution



Red (100%)

Green (82%)

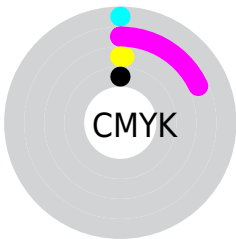
Blue (99%)



Red (100%)

Yellow (82%)

Blue (99%)

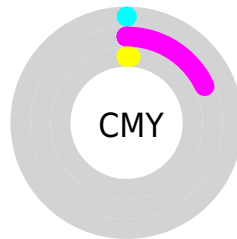


Cyan (0%)

Magenta (18%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4636, 0.3162, 0.2850 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 73.4636, 0.3162, 0.2850 by changing the saturation by 10% instead.

 73.4636, 0.3162,
0.2850

 73.4636, 0.3162,
0.2850


472.6200, 0.3149,
0.3046

 54.3551, 0.3164,
0.2807


124.1351, 0.3158,
0.2916

 38.8857, 0.3167,
0.2755

156.4670, 0.3156,
0.2943

 26.6708, 0.3169,
0.2690


193.9754, 0.3155,
0.2966

 17.3261, 0.3172,
0.2608

237.0448, 0.3154,
0.2986

 10.4673, 0.3174,
0.2500

286.0596, 0.3152,
0.3003

 5.7099, 0.3174,
0.2352


341.4041, 0.3151,


 2.6695, 0.3169,


0.3019


0.2138


403.4628, 0.3150,
0.3033


 0.9617, 0.3147,
0.1803


 0.0000, 0.3202,
0.0000

 73.4636, 0.3162,
0.2850


 73.4636, 0.3162,
0.2850


 61.9486, 0.3183,
0.2608

 86.9834, 0.3142,
0.3092

 52.3336, 0.3205,
0.2373

99.9883, 0.3127,
0.3290

 44.5187, 0.3227,
0.2156

 38.3911, 0.3248,
0.1966

■ 33.8254, 0.3268,
0.1812

■ 30.6785, 0.3287,
0.1700

■ 28.7814, 0.3303,
0.1632

■ 27.8979, 0.3316,
0.1604

■ 27.7989, 0.3318,
0.1602

Harmonies

Analogous

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



73.4636, 0.2829, 0.2737



73.4636, 0.3162, 0.2850



73.4636, 0.3502, 0.3065

Triad

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



73.4636, 0.3162, 0.2850



73.4636, 0.3682, 0.3830



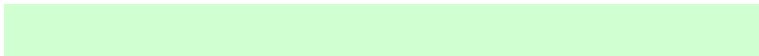
73.4636, 0.2545, 0.3189

Complementary

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



73.4636, 0.3162, 0.2850



89.5479, 0.3093, 0.3773

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.



73.4636, 0.2751, 0.3522



73.4636, 0.3162, 0.2850



73.4636, 0.3405, 0.3906

Square

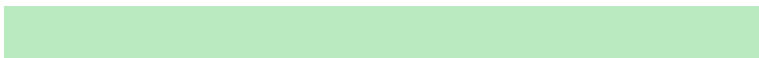
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



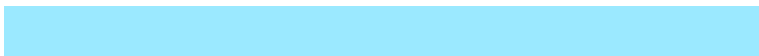
73.4636, 0.3162, 0.2850



73.4636, 0.3810, 0.3617



73.4636, 0.3064, 0.3794



73.4636, 0.2487, 0.2911

Rectangle

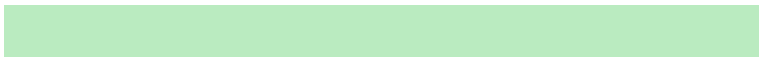
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4636, 0.3162, 0.2850



73.4636, 0.3681, 0.3245



73.4636, 0.3064, 0.3794



73.4636, 0.2598, 0.3299

Sweetspot

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



73.4668, 0.3162, 0.2850



90.5827, 0.3138, 0.3149



65.9862, 0.2832, 0.2786



19.1789, 0.3139, 0.3134



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.



73.4668, 0.3162, 0.2850



69.1311, 0.3169, 0.2762



72.0848, 0.3325, 0.3071



18.2865, 0.3144, 0.3065



14.5393, 0.3316, 0.1601



1.4195, 0.3303, 0.1593

Inverse Universe

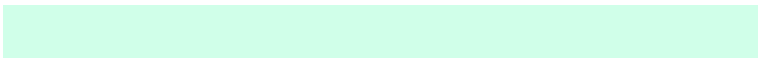
The Inverse Universe completely reimagines the original color for something new.



73.4668, 0.3162, 0.2850



69.1311, 0.3169, 0.2762



90.7813, 0.2966, 0.3520



18.2865, 0.3144, 0.3065



14.5393, 0.3316, 0.1601



1.4195, 0.3303, 0.1593

Previews

White Background



This preview shows how the Yxy color 73.4636, 0.3162, 0.2850 looks on a white background.

Color Contrast Check

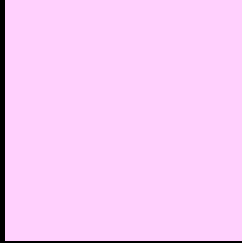
Large Text (above 18pt) WCAG AA × Fail

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 73.4636, 0.3162, 0.2850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

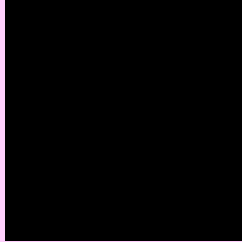
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4636, 0.3162, 0.2850

Background



This preview shows how black text looks on a background with the Yxy color 73.4636, 0.3162, 0.2850.



This preview shows how white text looks on a background with the Yxy color 73.4636, 0.3162, 0.2850.

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

73.4636, 0.3162, 0.2850

Protanopia

73.5318, 0.2880, 0.2932

Deuteranopia

73.5797, 0.3004, 0.2940



Tritanopia

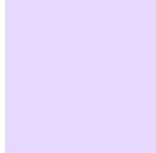
73.4396, 0.3305, 0.3119

Trichromacy



Original Color

73.4636, 0.3162, 0.2850



Protanomaly

73.0905, 0.2978, 0.2899



Deuteranomaly

73.6467, 0.3060, 0.2906



Tritanomaly

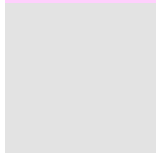
73.6442, 0.3250, 0.3021

Monochromacy



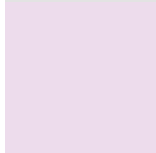
Original Color

73.4636, 0.3162, 0.2850



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

75.2471, 0.3142, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4636, 0.3162, 0.2850 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 253) }
```

Border

The CSS property to change the border of an element to Yxy 73.4636, 0.3162, 0.2850 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, 253) }
```

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

```
.border{ border-color:rgb(255, 208, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4636, 0.3162, 0.2850 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, 253) }
```

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

```
.background{ background-color: rgb(255,  
208, 253) }
```

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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