

Converting Colors

$Y_{xy}(80.6870, 0.3412, 0.2931)$

Have a look what the booklet for
Yxy(80.6870, 0.3412, 0.2931)
contains.

Yxy(74.2553, 0.3182, 0.2897)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.2553, 0.3182, 0.2897)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2FA
RGB	255, 210, 250
RGB Percent	100%, 82%, 98%
CMY	0.0000, 0.1765, 0.0195
CMYK	0.00, 0.18, 0.02, 0.00
HSL	307°, 100%, 91%
HSV	307°, 18%, 100%
XYZ	81.5604, 74.2553, 100.5023
YIQ	228.0150, 13.9800, 21.9800

Conversions

Conversions Part 2

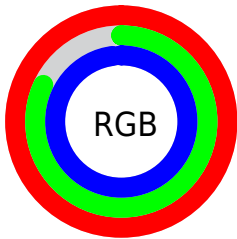
Format	Color
R _Y B	255, 210, 250
Decimal	16765690
CIE Lab	89.04, 22.36, -13.62
CIE LCh	89, 26.186, 328.653
Yxy	74.2553, 0.3182, 0.2897
Android (android.graphics.Color)	4294955770 (0xFFFFD2FA)
YUV	228.0150, 10.8386, 23.6658
Hunter-Lab	86.1715, 18.1481, -8.8302

Details

The Yxy color $74.2553, 0.3182, 0.2897$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.1226, 0.3077, 0.3717$, and the grayscale version is $77.4996, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.2987, 0.3197, 0.2815$ is the 20% darker color. If you saturate the color by 10%, you get $62.4702, 0.3218, 0.2669$, and if you desaturate by 10%, it is $88.0347, 0.3149, 0.3122$.

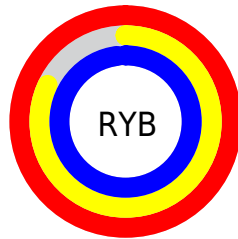
Distribution



Red (100%)

Green (82%)

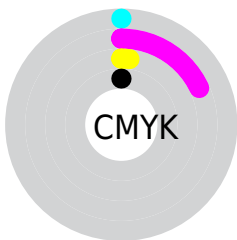
Blue (98%)



Red (100%)

Yellow (82%)

Blue (98%)

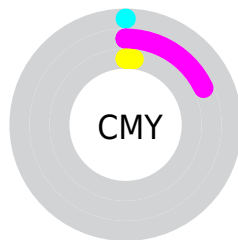


Cyan (0%)

Magenta (18%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2553, 0.3182, 0.2897 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 74.2553, 0.3182, 0.2897 by changing the saturation by 10% instead.


 74.2553, 0.3182,
0.2897

 74.2553, 0.3182,
0.2897


475.3540, 0.3159,
0.3072

 55.0030, 0.3187,
0.2858

125.2576, 0.3175,
0.2957

 39.4041, 0.3192,
0.2812


157.7765, 0.3172,
0.2980

 27.0743, 0.3198,
0.2753


195.4863, 0.3169,
0.3000

 17.6290, 0.3206,
0.2679

238.7715, 0.3167,
0.3018

 10.6840, 0.3215,
0.2582

288.0165, 0.3165,
0.3034

 5.8547, 0.3226,
0.2447

343.6057, 0.3163,

 2.7570, 0.3238,

0.3048

0.2251

405.9234, 0.3161,
0.3061

1.0062, 0.3246,
0.1941

0.0000, 0.3472,
0.0000

74.2553, 0.3182,
0.2897

74.2553, 0.3182,
0.2897

62.4702, 0.3218,
0.2669

88.0347, 0.3149,
0.3122

52.6062, 0.3257,
0.2447

100.0000, 0.3127,
0.3290

44.5535, 0.3299,
0.2238

38.2001, 0.3342,
0.2054

■ 33.4215, 0.3386,
0.1904

■ 30.0762, 0.3429,
0.1796

■ 27.9974, 0.3469,
0.1732

■ 26.9648, 0.3506,
0.1711

■ 26.7985, 0.3515,
0.1710

Harmonies

Analogous

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



74.2553, 0.2874, 0.2786



74.2553, 0.3182, 0.2897



74.2553, 0.3489, 0.3101

Triad

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



74.2553, 0.3182, 0.2897



74.2553, 0.3620, 0.3794



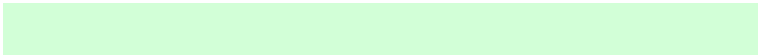
74.2553, 0.2586, 0.3180

Complementary

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



74.2553, 0.3182, 0.2897



90.1226, 0.3077, 0.3717

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.



74.2553, 0.2767, 0.3481



74.2553, 0.3182, 0.2897



74.2553, 0.3362, 0.3849

Square

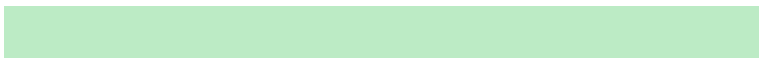
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



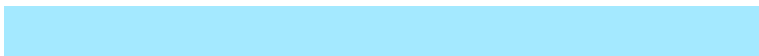
74.2553, 0.3182, 0.2897



74.2553, 0.3748, 0.3607



74.2553, 0.3049, 0.3735



74.2553, 0.2542, 0.2931

Rectangle

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



74.2553, 0.3182, 0.2897



74.2553, 0.3645, 0.3268



74.2553, 0.3049, 0.3735



74.2553, 0.2632, 0.3279

Sweetspot

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



74.2482, 0.3182, 0.2897



92.0429, 0.3141, 0.3181



67.6729, 0.2866, 0.2812



19.4708, 0.3143, 0.3166



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.



74.2482, 0.3182, 0.2897



70.0887, 0.3193, 0.2821



72.9448, 0.3337, 0.3110



18.2638, 0.3155, 0.3081



14.0167, 0.3509, 0.1707



1.3742, 0.3470, 0.1685

Inverse Universe

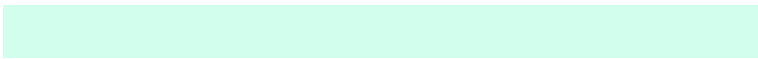
The Inverse Universe completely reimagines the original color for something new.



74.2482, 0.3182, 0.2897



70.0887, 0.3193, 0.2821



91.3329, 0.2956, 0.3478



18.2638, 0.3155, 0.3081



14.0167, 0.3509, 0.1707



1.3742, 0.3470, 0.1685

Previews

White Background



This preview shows how the Yxy color 74.2553, 0.3182, 0.2897 looks on a white background.

Color Contrast Check

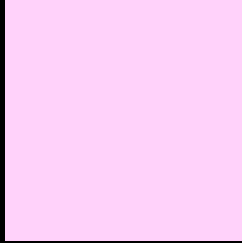
Large Text (above 18pt) WCAG AA × Fail

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 74.2553, 0.3182, 0.2897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

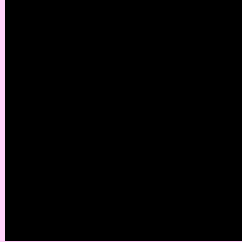
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2553, 0.3182, 0.2897

Background



This preview shows how black text looks on a background with the Yxy color 74.2553, 0.3182, 0.2897.



This preview shows how white text looks on a background with the Yxy color 74.2553, 0.3182, 0.2897.

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

74.2553, 0.3182, 0.2897

Protanopia

74.3680, 0.2894, 0.2945

Deuteranopia

74.4748, 0.3037, 0.2972



Tritanopia

73.9971, 0.3297, 0.3119

Trichromacy



Original Color

74.2553, 0.3182, 0.2897

Protanomaly

74.2236, 0.2991, 0.2931

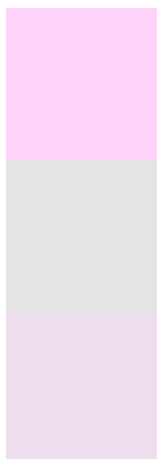
Deuteranomaly

74.3177, 0.3094, 0.2947

Tritanomaly

74.0840, 0.3256, 0.3040

Monochromacy



Original Color

74.2553, 0.3182, 0.2897

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

75.9462, 0.3149, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2553, 0.3182, 0.2897 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 250) }
```

Border

The CSS property to change the border of an element to Yxy 74.2553, 0.3182, 0.2897 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, 250) }
```

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

```
.border{ border-color:rgb(255, 210, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2553, 0.3182, 0.2897 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, 250) }
```

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

```
.background{ background-color: rgb(255,  
210, 250) }
```

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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