

Converting Colors

$Y_{xy}(76.0828, 0.3198, 0.2963)$

Have a look what the booklet for
Yxy(76.0828, 0.3198, 0.2963)
contains.

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Color

Yxy(76.0685, 0.3200, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6F7
RGB	255, 214, 247
RGB Percent	100%, 84%, 97%
CMY	0.0000, 0.1607, 0.0315
CMYK	0.00, 0.16, 0.03, 0.00
HSL	312°, 100%, 92%
HSV	312°, 16%, 100%
XYZ	82.0699, 76.0685, 98.3299
YIQ	230.0210, 13.8430, 18.9550

Conversions

Conversions Part 2

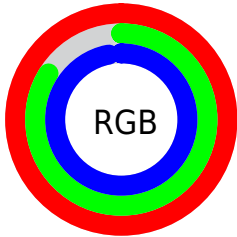
Format	Color
RYB	255, 214, 247
Decimal	16766711
CIELab	89.89, 19.69, -10.75
CIELCh	90, 22.436, 331.380
Yxy	76.0685, 0.3200, 0.2966
Android (android.graphics.Color)	4294956791 (0xFFFFD6F7)
YUV	230.0210, 8.3706, 21.9066
Hunter-Lab	87.2173, 15.3351, -5.7923

Details

The Yxy color $76.0685, 0.3200, 0.2966$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91.0906, 0.3062, 0.3637$, and the grayscale version is $79.0772, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.5636, 0.3212, 0.2889$ is the 20% darker color. If you saturate the color by 10%, you get $63.8544, 0.3254, 0.2758$, and if you desaturate by 10%, it is $90.3178, 0.3153, 0.3170$.

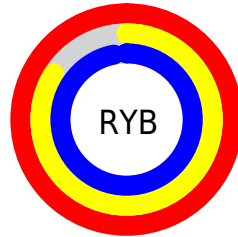
Distribution



Red (100%)

Green (84%)

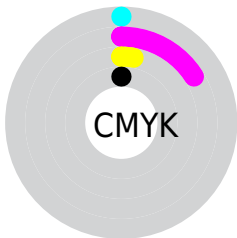
Blue (97%)



Red (100%)

Yellow (84%)

Blue (97%)

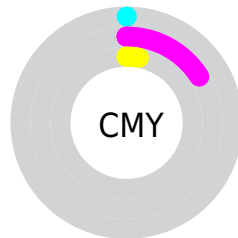


Cyan (0%)

Magenta (16%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0685, 0.3200, 0.2966 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 76.0685, 0.3200, 0.2966 by changing the saturation by 10% instead.


 76.0685, 0.3200,
0.2966

 76.0685, 0.3200,
0.2966

481.5822, 0.3168,
0.3111

 56.4887, 0.3207,
0.2934

127.8237, 0.3189,
0.3015

 40.5949, 0.3215,
0.2895


160.7679, 0.3185,
0.3035

 28.0027, 0.3225,
0.2847


198.9357, 0.3182,
0.3052

 18.3277, 0.3237,
0.2785

242.7115, 0.3178,
0.3066

 11.1855, 0.3253,
0.2704

292.4796, 0.3175,
0.3079

 6.1917, 0.3274,
0.2591

348.6245, 0.3173,

 2.9620, 0.3303,

0.3091

0.2426

411.5305, 0.3171,
0.3101

■ 1.1119, 0.3345,
0.2161

■ 0.0000, 0.3887,
0.0000

■ 76.0685, 0.3200,
0.2966

■ 76.0685, 0.3200,
0.2966

■ 63.8544, 0.3254,
0.2758

■ 90.3178, 0.3153,
0.3170

■ 53.5718, 0.3316,
0.2551

99.9991, 0.3127,
0.3290

■ 45.1228, 0.3384,
0.2355

■ 38.3969, 0.3457,
0.2179

■ 33.2719, 0.3533,
0.2034

■ 29.6092, 0.3611,
0.1929

■ 27.2469, 0.3688,
0.1870

■ 25.9836, 0.3761,
0.1857

■ 25.6709, 0.3789,
0.1861

Harmonies

Analogous

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



76.0685, 0.2934, 0.2862



76.0685, 0.3200, 0.2966



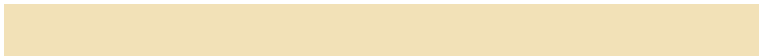
76.0685, 0.3455, 0.3148

Triad

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



76.0685, 0.3200, 0.2966



76.0685, 0.3531, 0.3729



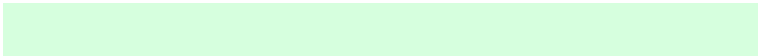
76.0685, 0.2655, 0.3177

Complementary

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



76.0685, 0.3200, 0.2966



91.0906, 0.3062, 0.3637

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.



76.0685, 0.2803, 0.3430



76.0685, 0.3200, 0.2966



76.0685, 0.3306, 0.3759

Square

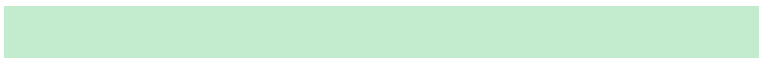
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



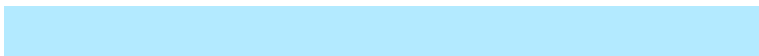
76.0685, 0.3200, 0.2966



76.0685, 0.3650, 0.3581



76.0685, 0.3039, 0.3649



76.0685, 0.2629, 0.2971

Rectangle

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



76.0685, 0.3200, 0.2966



76.0685, 0.3581, 0.3294



76.0685, 0.3039, 0.3649



76.0685, 0.2692, 0.3260

Sweetspot

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



76.0718, 0.3200, 0.2966



91.9735, 0.3148, 0.3192



70.7734, 0.2914, 0.2862



19.4538, 0.3151, 0.3178



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.



76.0718, 0.3200, 0.2966



72.2921, 0.3215, 0.2905



74.9036, 0.3340, 0.3160



18.2358, 0.3168, 0.3101



13.4357, 0.3778, 0.1855



1.3230, 0.3700, 0.1812

Inverse Universe

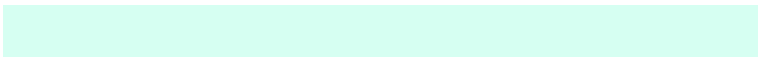
The Inverse Universe completely reimagines the original color for something new.



76.0718, 0.3200, 0.2966



72.2921, 0.3215, 0.2905



92.2267, 0.2952, 0.3424



18.2358, 0.3168, 0.3101



13.4357, 0.3778, 0.1855



1.3230, 0.3700, 0.1812

Previews

White Background



This preview shows how the Yxy color 76.0685, 0.3200, 0.2966 looks on a white background.

Color Contrast Check

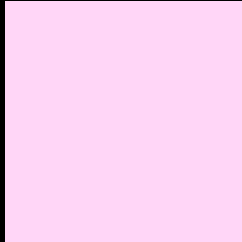
Large Text (above 18pt) WCAG AA × Fail

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 76.0685, 0.3200, 0.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

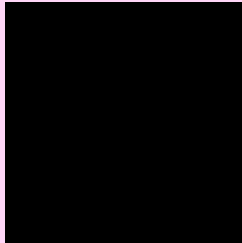
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0685, 0.3200, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 76.0685, 0.3200, 0.2966.



This preview shows how white text looks on a background with the Yxy color 76.0685, 0.3200, 0.2966.

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

76.0685, 0.3200, 0.2966

Protanopia

76.5358, 0.2927, 0.2989

Deuteranopia

76.1909, 0.3091, 0.3026



Tritanopia

75.8776, 0.3280, 0.3120

Trichromacy



Original Color

76.0685, 0.3200, 0.2966

Protanomaly

76.1704, 0.3024, 0.2984

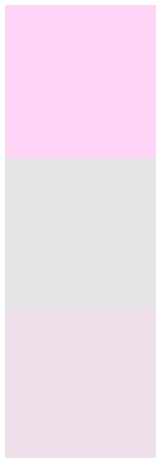
Deuteranomaly

76.2091, 0.3133, 0.3009

Tritanomaly

75.8448, 0.3254, 0.3062

Monochromacy



Original Color

76.0685, 0.3200, 0.2966

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

77.7182, 0.3154, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0685, 0.3200, 0.2966 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, 214, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 247)  
}
```

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, 214, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 247) }
```

Border

The CSS property to change the border of an element to Yxy 76.0685, 0.3200, 0.2966 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, 214, 247) }
```

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

```
.border{ border-color:rgb(255, 214, 247) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 214, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0685, 0.3200, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 247) }
```

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

```
.background{ background-color: rgb(255,  
214, 247) }
```

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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