

Converting Colors

$Y_{xy}(76.6582, 0.3216, 0.2960)$

Have a look what the booklet for
Yxy(76.6582, 0.3216, 0.2960)
contains.

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Color

Yxy(76.1304, 0.3193, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6F8
RGB	255, 214, 248
RGB Percent	100%, 84%, 97%
CMY	0.0000, 0.1608, 0.0274
CMYK	0.00, 0.16, 0.03, 0.00
HSL	310°, 100%, 92%
HSV	310°, 16%, 100%
XYZ	82.2342, 76.1304, 99.1807
YIQ	230.1350, 13.5220, 19.2660

Conversions

Conversions Part 2

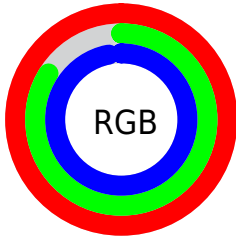
Format	Color
R_{YB}	255, 214, 248
Decimal	16766712
CIE _{Lab}	89.92, 19.89, -11.25
CIE _{LCh}	90, 22.852, 330.498
Yxy	76.1304, 0.3193, 0.2956
Android (android.graphics.Color)	4294956792 (0xFFFFD6F8)
YUV	230.1350, 8.8074, 21.8066
Hunter-Lab	87.2527, 15.5409, -6.3184

Details

The Yxy color $76.1304, 0.3193, 0.2956$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91.0358, 0.3068, 0.3649$, and the grayscale version is $79.1627, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.6078, 0.3203, 0.2877$ is the 20% darker color. If you saturate the color by 10%, you get $63.9526, 0.3242, 0.2742$, and if you desaturate by 10%, it is $90.3376, 0.3150, 0.3166$.

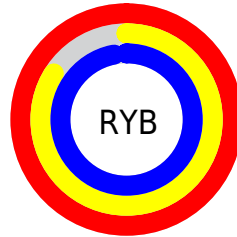
Distribution



Red (100%)

Green (84%)

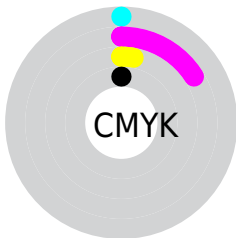
Blue (97%)



Red (100%)

Yellow (84%)

Blue (97%)

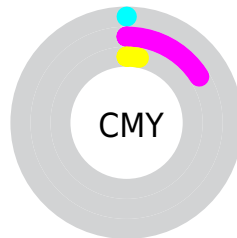


Cyan (0%)

Magenta (16%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.1304, 0.3193, 0.2956 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 76.1304, 0.3193, 0.2956 by changing the saturation by 10% instead.


 76.1304, 0.3193,
0.2956

 76.1304, 0.3193,
0.2956


481.7940, 0.3165,
0.3105

 56.5394, 0.3199,
0.2923


127.9112, 0.3184,
0.3007

 40.6356, 0.3206,
0.2883

160.8699, 0.3180,
0.3027

 28.0345, 0.3215,
0.2834


199.0532, 0.3177,
0.3044

 18.3516, 0.3226,
0.2770

242.8456, 0.3174,
0.3059

 11.2027, 0.3239,
0.2687

292.6315, 0.3171,
0.3073

 6.2034, 0.3257,
0.2571

348.7953, 0.3169,

 2.9691, 0.3281,

0.3085

0.2402

411.7213, 0.3167,
0.3095

■ 1.1156, 0.3313,
0.2132

■ 0.0000, 0.3804,
0.0000

■ 76.1304, 0.3193,
0.2956

■ 76.1304, 0.3193,
0.2956

■ 63.9526, 0.3242,
0.2742

■ 90.3376, 0.3150,
0.3166

■ 53.7062, 0.3296,
0.2530

100.0000, 0.3127,
0.3290

■ 45.2915, 0.3356,
0.2329

■ 38.5981, 0.3420,
0.2150

■ 33.5035, 0.3486,
0.2001

■ 29.8694, 0.3553,
0.1892

■ 27.5338, 0.3618,
0.1829

■ 26.2952, 0.3680,
0.1812

■ 25.9920, 0.3704,
0.1814

Harmonies

Analogous

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



76.1304, 0.2924, 0.2853



76.1304, 0.3193, 0.2956



76.1304, 0.3454, 0.3139

Triad

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



76.1304, 0.3193, 0.2956



76.1304, 0.3544, 0.3734



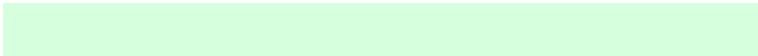
76.1304, 0.2650, 0.3182

Complementary

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



76.1304, 0.3193, 0.2956



91.0358, 0.3068, 0.3649

Split Complementary

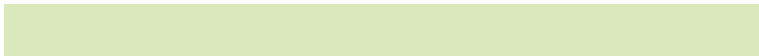
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1304, 0.2803, 0.3440



76.1304, 0.3193, 0.2956



76.1304, 0.3316, 0.3769

Square

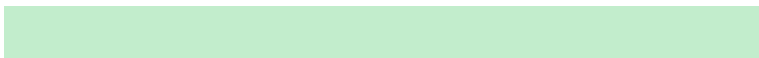
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



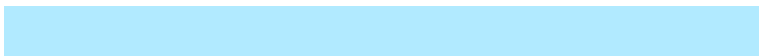
76.1304, 0.3193, 0.2956



76.1304, 0.3661, 0.3580



76.1304, 0.3045, 0.3661



76.1304, 0.2620, 0.2970

Rectangle

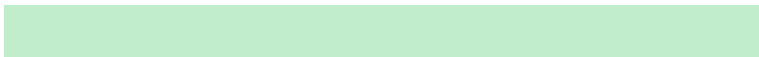
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.1304, 0.3193, 0.2956



76.1304, 0.3584, 0.3287



76.1304, 0.3045, 0.3661



76.1304, 0.2688, 0.3267

Sweetspot

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



76.1318, 0.3193, 0.2956



91.9941, 0.3146, 0.3188



70.6595, 0.2910, 0.2861



19.4589, 0.3149, 0.3174



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.



76.1318, 0.3193, 0.2956



72.3678, 0.3207, 0.2894



74.9363, 0.3335, 0.3154



18.2441, 0.3164, 0.3095



13.6009, 0.3694, 0.1809



1.3377, 0.3629, 0.1773

Inverse Universe

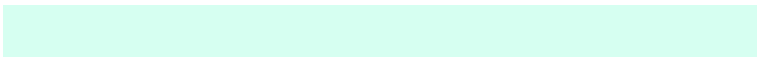
The Inverse Universe completely reimagines the original color for something new.



76.1318, 0.3193, 0.2956



72.3678, 0.3207, 0.2894



92.1870, 0.2956, 0.3431



18.2441, 0.3164, 0.3095



13.6009, 0.3694, 0.1809



1.3377, 0.3629, 0.1773

Previews

White Background



This preview shows how the Yxy color 76.1304, 0.3193, 0.2956 looks on a white background.

Color Contrast Check

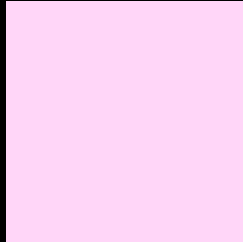
Large Text (above 18pt) WCAG AA × Fail

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 76.1304, 0.3193, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

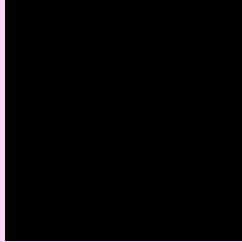
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.1304, 0.3193, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 76.1304, 0.3193, 0.2956.



This preview shows how white text looks on a background with the Yxy color 76.1304, 0.3193, 0.2956.

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

76.1304, 0.3193, 0.2956

Protanopia

76.6000, 0.2921, 0.2979

Deuteranopia

76.2525, 0.3084, 0.3016



Tritanopia

75.8776, 0.3280, 0.3120

Trichromacy



Original Color

76.1304, 0.3193, 0.2956

Protanomaly

76.2336, 0.3018, 0.2974

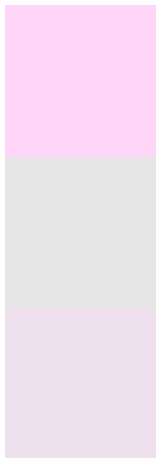
Deuteranomaly

76.2707, 0.3127, 0.2999

Tritanomaly

75.8448, 0.3254, 0.3062

Monochromacy



Original Color

76.1304, 0.3193, 0.2956

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

77.7765, 0.3147, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1304, 0.3193, 0.2956 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 248) }
```

Border

The CSS property to change the border of an element to Yxy 76.1304, 0.3193, 0.2956 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, 248) }
```

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

```
.border{ border-color:rgb(255, 214, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1304, 0.3193, 0.2956 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, 248) }
```

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

```
.background{ background-color: rgb(255,  
214, 248) }
```

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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