

Converting Colors

$Y_{xy}(77.3232, 0.3231, 0.3043)$

Have a look what the booklet for
Yxy(77.3232, 0.3231, 0.3043)
contains.

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Color

Yxy(77.2965, 0.3232, 0.3043)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9F2
RGB	255, 217, 242
RGB Percent	100%, 85%, 95%
CMY	0.0000, 0.1491, 0.0509
CMYK	0.00, 0.15, 0.05, 0.00
HSL	320°, 100%, 93%
HSV	320°, 15%, 100%
XYZ	82.0974, 77.2965, 94.6203
YIQ	231.2120, 14.6230, 15.8310

Conversions

Conversions Part 2

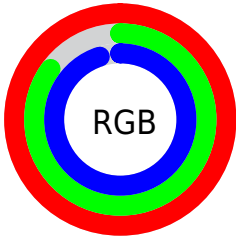
Format	Color
R_{YB}	255, 217, 242
Decimal	16767474
CIE _{Lab}	90.46, 17.31, -7.31
CIE _{LCh}	90, 18.785, 337.107
Yxy	77.2965, 0.3232, 0.3043
Android (android.graphics.Color)	4294957554 (0xFFFFD9F2)
YUV	231.2120, 5.3185, 20.8621
Hunter-Lab	87.9184, 12.8243, -2.2667

Details

The Yxy color **77.2965, 0.3232, 0.3043** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.9797, 0.3036, 0.3550**, and the grayscale version is **80.0228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.3916, 0.3254, 0.2988** is the 20% darker color. If you saturate the color by 10%, you get **64.6351, 0.3318, 0.2870**, and if you desaturate by 10%, it is **92.0006, 0.3159, 0.3211**.

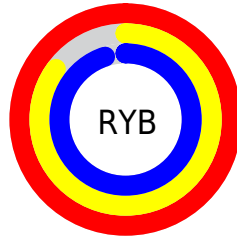
Distribution



Red (100%)

Green (85%)

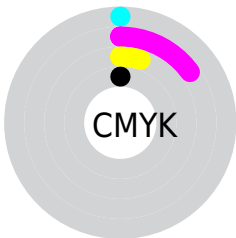
Blue (95%)



Red (100%)

Yellow (85%)

Blue (95%)

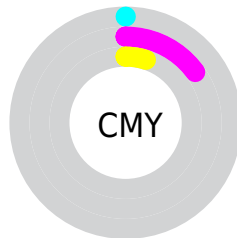


Cyan (0%)

Magenta (15%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.2965, 0.3232, 0.3043 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 77.2965, 0.3232, 0.3043 by changing the saturation by 10% instead.


 77.2965, 0.3232,
0.3043

 77.2965, 0.3232,
0.3043

485.7744, 0.3185,
0.3154

 57.4963, 0.3242,
0.3018

129.5579, 0.3216,
0.3081

 41.4038, 0.3255,
0.2989


162.7879, 0.3210,
0.3096

 28.6347, 0.3271,
0.2951


201.2633, 0.3204,
0.3109

 18.8047, 0.3291,
0.2904

245.3684, 0.3200,
0.3120

 11.5292, 0.3317,
0.2840

295.4877, 0.3195,
0.3130

 6.4240, 0.3354,
0.2752

352.0055, 0.3192,

 3.1046, 0.3409,

0.3139

0.2621

415.3062, 0.3188,
0.3147

■ 1.1866, 0.3497,
0.2408

■ 0.0507, 0.4328,
0.0466

■ 77.2965, 0.3232,
0.3043

■ 77.2965, 0.3232,
0.3043

■ 64.6351, 0.3318,
0.2870

■ 92.0006, 0.3159,
0.3211

■ 53.9427, 0.3418,
0.2695

100.0000, 0.3127,
0.3290

■ 45.1122, 0.3534,
0.2527

■ 38.0342, 0.3663,
0.2375

■ 32.5874, 0.3805,
0.2250

■ 28.6354, 0.3955,
0.2163

■ 26.0191, 0.4107,
0.2124

■ 24.5428, 0.4256,
0.2137

■ 24.0874, 0.4331,
0.2159

Harmonies

Analogous

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



77.2965, 0.3007, 0.2941



77.2965, 0.3232, 0.3043



77.2965, 0.3434, 0.3206

Triad

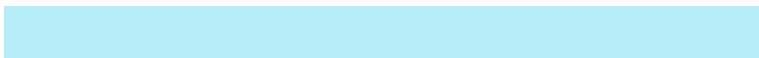
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.2965, 0.3232, 0.3043



77.2965, 0.3434, 0.3669



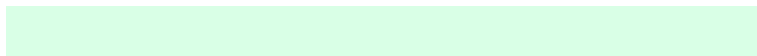
77.2965, 0.2720, 0.3161

Complementary

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



77.2965, 0.3232, 0.3043



91.9797, 0.3036, 0.3550

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.



77.2965, 0.2826, 0.3367



77.2965, 0.3232, 0.3043



77.2965, 0.3236, 0.3670

Square

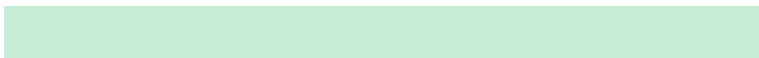
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



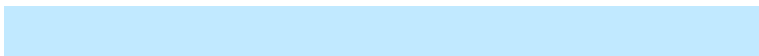
77.2965, 0.3232, 0.3043



77.2965, 0.3552, 0.3564



77.2965, 0.3013, 0.3558



77.2965, 0.2718, 0.3001

Rectangle

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



77.2965, 0.3232, 0.3043



77.2965, 0.3525, 0.3331



77.2965, 0.3013, 0.3558



77.2965, 0.2744, 0.3227

Sweetspot

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



77.2899, 0.3232, 0.3043



93.4418, 0.3153, 0.3226



73.6034, 0.2970, 0.2900



19.7447, 0.3158, 0.3213



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.



77.2899, 0.3232, 0.3043



73.1622, 0.3257, 0.2990



76.2222, 0.3362, 0.3227



18.1889, 0.3191, 0.3135



12.6153, 0.4307, 0.2146



1.2488, 0.4149, 0.2059

Inverse Universe

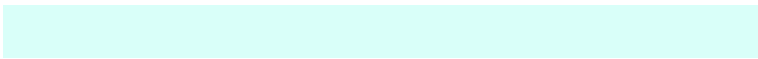
The Inverse Universe completely reimagines the original color for something new.



77.2899, 0.3232, 0.3043



73.1622, 0.3257, 0.2990



93.0878, 0.2934, 0.3354



18.1889, 0.3191, 0.3135



12.6153, 0.4307, 0.2146



1.2488, 0.4149, 0.2059

Previews

White Background



This preview shows how the Yxy color 77.2965, 0.3232, 0.3043 looks on a white background.

Color Contrast Check

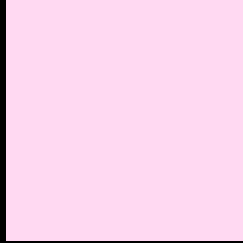
Large Text (above 18pt) WCAG AA × Fail

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 77.2965, 0.3232, 0.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

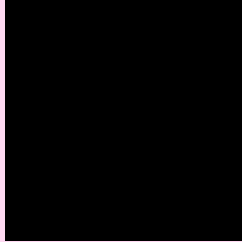
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.2965, 0.3232, 0.3043

Background



This preview shows how black text looks on a background with the Yxy color 77.2965, 0.3232, 0.3043.



This preview shows how white text looks on a background with the Yxy color 77.2965, 0.3232, 0.3043.

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

77.2965, 0.3232, 0.3043

Protanopia

77.3388, 0.2989, 0.3062

Deuteranopia

77.2969, 0.3158, 0.3088



Tritanopia

77.2118, 0.3272, 0.3121

Trichromacy



Original Color

77.2965, 0.3232, 0.3043

Protanomaly

77.4337, 0.3076, 0.3056

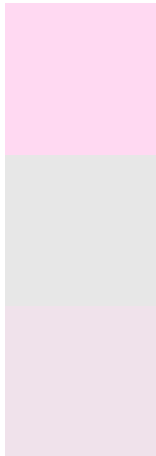
Deuteranomaly

77.4937, 0.3187, 0.3080

Tritanomaly

77.3867, 0.3251, 0.3092

Monochromacy



Original Color

77.2965, 0.3232, 0.3043

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

78.9161, 0.3166, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.2965, 0.3232, 0.3043 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, 217, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 242)  
}
```

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, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 242) }
```

Border

The CSS property to change the border of an element to Yxy 77.2965, 0.3232, 0.3043 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, 217, 242) }
```

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

```
.border{ border-color:rgb(255, 217, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 77.2965, 0.3232, 0.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 242) }
```

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

```
.background{ background-color: rgb(255,  
217, 242) }
```

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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