

Converting Colors

$Y_{xy}(77.2515, 0.3223, 0.3028)$

Have a look what the booklet for
Yxy(77.2515, 0.3223, 0.3028)
contains.

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Color

Yxy(77.3568, 0.3225, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9F3
RGB	255, 217, 243
RGB Percent	100%, 85%, 95%
CMY	0.0000, 0.1490, 0.0471
CMYK	0.00, 0.15, 0.05, 0.00
HSL	319°, 100%, 93%
HSV	319°, 15%, 100%
XYZ	82.2267, 77.3568, 95.3829
YIQ	231.3260, 14.3020, 16.1420

Conversions

Conversions Part 2

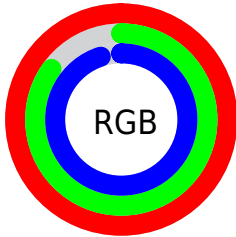
Format	Color
R_{YB}	255, 217, 243
Decimal	16767475
CIE _{Lab}	90.49, 17.44, -7.77
CIE _{LCh}	90, 19.089, 335.977
Yxy	77.3568, 0.3225, 0.3034
Android (android.graphics.Color)	4294957555 (0xFFFFD9F3)
YUV	231.3260, 5.7553, 20.7621
Hunter-Lab	87.9527, 12.9617, -2.7319

Details

The Yxy color **77.3568, 0.3225, 0.3034** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.9261, 0.3041, 0.3560**, and the grayscale version is **80.1162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.4343, 0.3245, 0.2976** is the 20% darker color. If you saturate the color by 10%, you get **64.7379, 0.3305, 0.2854**, and if you desaturate by 10%, it is **92.0348, 0.3157, 0.3208**.

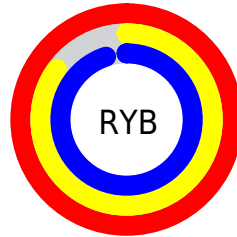
Distribution



Red (100%)

Green (85%)

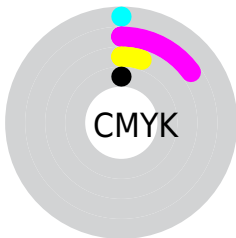
Blue (95%)



Red (100%)

Yellow (85%)

Blue (95%)

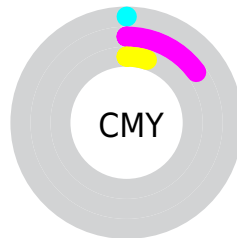


Cyan (0%)

Magenta (15%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.3568, 0.3225, 0.3034 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 77.3568, 0.3225, 0.3034 by changing the saturation by 10% instead.


 77.3568, 0.3225,
0.3034

 77.3568, 0.3225,
0.3034

485.9797, 0.3181,
0.3149

 57.5458, 0.3235,
0.3009


129.6430, 0.3210,
0.3073

 41.4436, 0.3246,
0.2978


162.8870, 0.3204,
0.3089

 28.6658, 0.3261,
0.2939


201.3774, 0.3199,
0.3102

 18.8282, 0.3279,
0.2890

245.4986, 0.3195,
0.3114

 11.5462, 0.3304,
0.2824

295.6351, 0.3191,
0.3124

 6.4355, 0.3337,
0.2734

352.1711, 0.3187,

 3.1116, 0.3387,

0.3133

0.2599

415.4912, 0.3184,
0.3141

■ 1.1903, 0.3466,
0.2381

■ 0.0538, 0.4210,
0.0475

■ 77.3568, 0.3225,
0.3034

■ 77.3568, 0.3225,
0.3034

■ 64.7379, 0.3305,
0.2854

■ 92.0348, 0.3157,
0.3208

■ 54.0746, 0.3399,
0.2674

99.9985, 0.3127,
0.3290

■ 45.2699, 0.3506,
0.2501

■ 38.2143, 0.3625,
0.2344

■ 32.7869, 0.3754,
0.2214

■ 28.8512, 0.3890,
0.2122

■ 26.2482, 0.4028,
0.2078

■ 24.7825, 0.4163,
0.2086

■ 24.3308, 0.4231,
0.2104

Harmonies

Analogous

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



77.3568, 0.2997, 0.2933



77.3568, 0.3225, 0.3034



77.3568, 0.3432, 0.3198

Triad

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



77.3568, 0.3225, 0.3034



77.3568, 0.3445, 0.3672



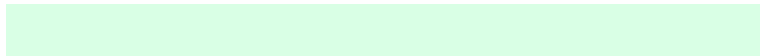
77.3568, 0.2716, 0.3166

Complementary

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



77.3568, 0.3225, 0.3034



91.9261, 0.3041, 0.3560

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.



77.3568, 0.2827, 0.3376



77.3568, 0.3225, 0.3034



77.3568, 0.3246, 0.3678

Square

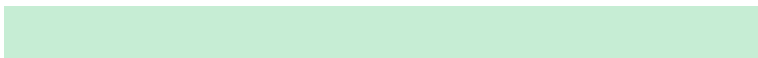
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



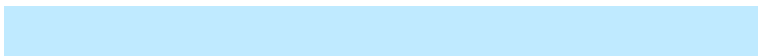
77.3568, 0.3225, 0.3034



77.3568, 0.3561, 0.3563



77.3568, 0.3019, 0.3568



77.3568, 0.2710, 0.3001

Rectangle

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



77.3568, 0.3225, 0.3034



77.3568, 0.3528, 0.3325



77.3568, 0.3019, 0.3568



77.3568, 0.2742, 0.3234

Sweetspot

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



77.3602, 0.3225, 0.3034



93.4580, 0.3151, 0.3223



73.4110, 0.2961, 0.2899



19.7488, 0.3156, 0.3210



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.



77.3602, 0.3225, 0.3034



73.2308, 0.3249, 0.2979



76.3045, 0.3353, 0.3214



18.1969, 0.3187, 0.3129



12.7426, 0.4210, 0.2093



1.2605, 0.4067, 0.2014

Inverse Universe

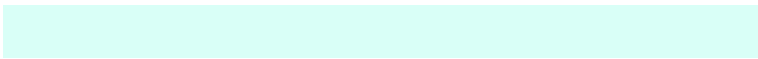
The Inverse Universe completely reimagines the original color for something new.



77.3602, 0.3225, 0.3034



73.2308, 0.3249, 0.2979



93.0081, 0.2941, 0.3367



18.1969, 0.3187, 0.3129



12.7426, 0.4210, 0.2093



1.2605, 0.4067, 0.2014

Previews

White Background



This preview shows how the Yxy color 77.3568, 0.3225, 0.3034 looks on a white background.

Color Contrast Check

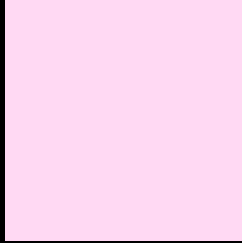
Large Text (above 18pt) WCAG AA × Fail

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 77.3568, 0.3225, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

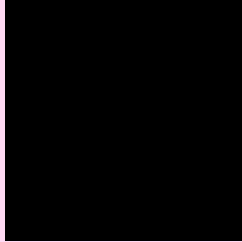
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.3568, 0.3225, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 77.3568, 0.3225, 0.3034.



This preview shows how white text looks on a background with the Yxy color 77.3568, 0.3225, 0.3034.

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

77.3568, 0.3225, 0.3034

Protanopia

77.4010, 0.2983, 0.3052

Deuteranopia

77.3568, 0.3151, 0.3078



Tritanopia

77.2118, 0.3272, 0.3121

Trichromacy



Original Color

77.3568, 0.3225, 0.3034

Protanomaly

77.4953, 0.3070, 0.3046

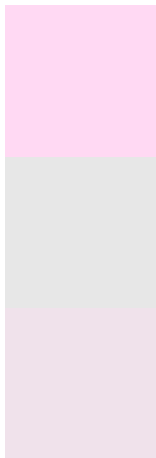
Deuteranomaly

77.5537, 0.3180, 0.3070

Tritanomaly

77.3867, 0.3251, 0.3092

Monochromacy



Original Color

77.3568, 0.3225, 0.3034

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 77.3568, 0.3225, 0.3034 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 243) }
```

Border

The CSS property to change the border of an element to Yxy 77.3568, 0.3225, 0.3034 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, 243) }
```

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

```
.border{ border-color:rgb(255, 217, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3568, 0.3225, 0.3034 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, 243) }
```

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

```
.background{ background-color: rgb(255,  
217, 243) }
```

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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