

Converting Colors

$Y_{xy}(77.6983, 0.3219, 0.3032)$

Have a look what the booklet for
Yxy(77.6983, 0.3219, 0.3032)
contains.

Yxy(77.9345, 0.3217, 0.3034)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(77.9345, 0.3217, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAF4
RGB	255, 218, 244
RGB Percent	100%, 85%, 96%
CMY	0.0001, 0.1450, 0.0430
CMYK	0.00, 0.14, 0.04, 0.00
HSL	318°, 100%, 93%
HSV	318°, 14%, 100%
XYZ	82.6352, 77.9345, 96.3007
YIQ	232.0270, 13.7060, 15.9300

Conversions

Conversions Part 2

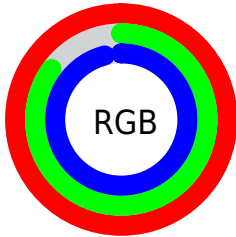
Format	Color
R _Y B	255, 218, 244
Decimal	16767732
CIE Lab	90.75, 17.08, -7.93
CIE LCh	91, 18.833, 335.108
Yxy	77.9345, 0.3217, 0.3034
Android (android.graphics.Color)	4294957812 (0xFFFFDAF4)
YUV	232.0270, 5.9027, 20.1473
Hunter-Lab	88.2805, 12.5945, -2.8801

Details

The Yxy color $77.9345, 0.3217, 0.3034$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $92.0614, 0.3048, 0.3560$, and the grayscale version is $80.6658, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.8310, 0.3235, 0.2976$ is the 20% darker color. If you saturate the color by 10%, you get $65.2655, 0.3292, 0.2850$, and if you desaturate by 10%, it is $92.6631, 0.3153, 0.3213$.

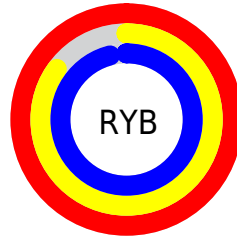
Distribution



Red (100%)

Green (85%)

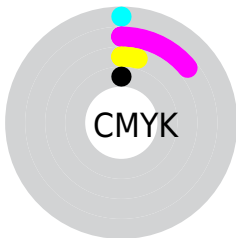
Blue (96%)



Red (100%)

Yellow (85%)

Blue (96%)

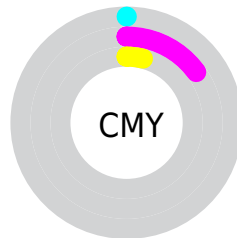


Cyan (0%)

Magenta (14%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.9345, 0.3217, 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 77.9345, 0.3217, 0.3034 by changing the saturation by 10% instead.


 77.9345, 0.3217,
0.3034

 77.9345, 0.3217,
0.3034

487.9443, 0.3177,
0.3149

 58.0202, 0.3226,
0.3009


130.4578, 0.3203,
0.3073

 41.8249, 0.3236,
0.2978


163.8355, 0.3198,
0.3088

 28.9642, 0.3250,
0.2940

202.4699, 0.3193,
0.3102

 19.0537, 0.3266,
0.2890

246.7452, 0.3189,
0.3113

 11.7091, 0.3288,
0.2825

297.0459, 0.3186,
0.3124

 6.5459, 0.3319,
0.2735

353.7564, 0.3183,

 3.1798, 0.3363,

0.3133

0.2602

417.2611, 0.3180,
0.3141

■ 1.2263, 0.3433,
0.2386

■ 0.0830, 0.4053,
0.0679

■ 77.9345, 0.3217,
0.3034

■ 77.9345, 0.3217,
0.3034

■ 65.2655, 0.3292,
0.2850

■ 92.6631, 0.3153,
0.3213

■ 54.5530, 0.3380,
0.2665

99.9939, 0.3127,
0.3290

■ 45.7004, 0.3479,
0.2487

■ 38.5986, 0.3590,
0.2325

■ 33.1274, 0.3709,
0.2190

■ 29.1510, 0.3835,
0.2093

■ 26.5118, 0.3962,
0.2043

■ 25.0162, 0.4086,
0.2044

■ 24.5297, 0.4153,
0.2061

Harmonies

Analogous

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



77.9345, 0.2993, 0.2937



77.9345, 0.3217, 0.3034



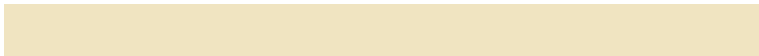
77.9345, 0.3422, 0.3194

Triad

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



77.9345, 0.3217, 0.3034



77.9345, 0.3445, 0.3665



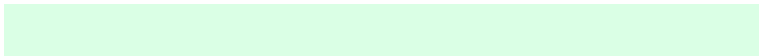
77.9345, 0.2724, 0.3174

Complementary

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



77.9345, 0.3217, 0.3034



92.0614, 0.3048, 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.



77.9345, 0.2836, 0.3381



77.9345, 0.3217, 0.3034



77.9345, 0.3250, 0.3673

Square

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



77.9345, 0.3217, 0.3034



77.9345, 0.3556, 0.3554



77.9345, 0.3027, 0.3568



77.9345, 0.2715, 0.3009

Rectangle

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



77.9345, 0.3217, 0.3034



77.9345, 0.3518, 0.3319



77.9345, 0.3027, 0.3568



77.9345, 0.2750, 0.3241

Sweetspot

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



77.9379, 0.3217, 0.3034



93.4710, 0.3150, 0.3221



73.9416, 0.2962, 0.2910



19.7521, 0.3154, 0.3208



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.



77.9379, 0.3217, 0.3034



74.5933, 0.3235, 0.2988



76.8964, 0.3341, 0.3210



18.2034, 0.3184, 0.3124



12.8485, 0.4133, 0.2051



1.2702, 0.4002, 0.1978

Inverse Universe

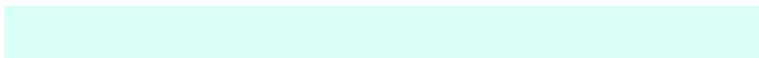
The Inverse Universe completely reimagines the original color for something new.



77.9379, 0.3217, 0.3034



74.5933, 0.3235, 0.2988



93.1201, 0.2949, 0.3371



18.2034, 0.3184, 0.3124



12.8485, 0.4133, 0.2051



1.2702, 0.4002, 0.1978

Previews

White Background



This preview shows how the Yxy color 77.9345, 0.3217, 0.3034 looks on a white background.

Color Contrast Check

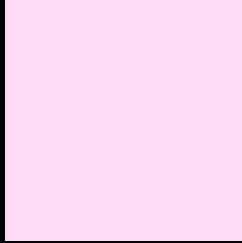
Large Text (above 18pt) WCAG AA × Fail

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 77.9345, 0.3217, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

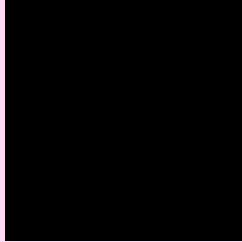
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.9345, 0.3217, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 77.9345, 0.3217, 0.3034.



This preview shows how white text looks on a background with the Yxy color 77.9345, 0.3217, 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

77.9345, 0.3217, 0.3034

Protanopia

78.1712, 0.2984, 0.3053

Deuteranopia

77.9467, 0.3144, 0.3078



Tritanopia

77.7900, 0.3264, 0.3121

Trichromacy



Original Color

77.9345, 0.3217, 0.3034

Protanomaly

78.0931, 0.3063, 0.3046

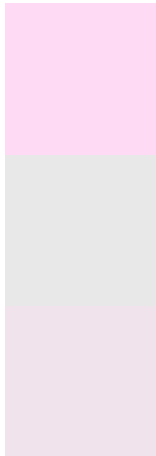
Deuteranomaly

78.1404, 0.3173, 0.3070

Tritanomaly

77.9659, 0.3243, 0.3092

Monochromacy



Original Color

77.9345, 0.3217, 0.3034

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.5196, 0.3159, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.9345, 0.3217, 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, 218, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 244)  
}
```

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, 218, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 244) }
```

Border

The CSS property to change the border of an element to Yxy 77.9345, 0.3217, 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, 218, 244) }
```

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

```
.border{ border-color:rgb(255, 218, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 77.9345, 0.3217, 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, 218, 244) }
```

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

```
.background{ background-color: rgb(255,  
218, 244) }
```

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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