

Converting Colors

$Y_{xy}(78.2450, 0.3176, 0.3038)$

Have a look what the booklet for
Yxy(78.2450, 0.3176, 0.3038)
contains.

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Color

Yxy(78.2882, 0.3181, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	FBDCF5
RGB	251, 220, 245
RGB Percent	98%, 86%, 96%
CMY	0.0156, 0.1373, 0.0391
CMYK	0.00, 0.12, 0.02, 0.02
HSL	312°, 80%, 92%
HSV	312°, 12%, 98%
XYZ	81.8655, 78.2882, 97.2040
YIQ	232.1190, 10.4510, 14.3470

Conversions

Conversions Part 2

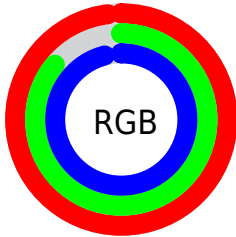
Format	Color
R_{YB}	251, 220, 245
Decimal	16506101
CIE _{Lab}	90.91, 14.90, -8.25
CIE _{LCh}	91, 17.032, 331.039
Yxy	78.2882, 0.3181, 0.3042
Android (android.graphics.Color)	4294696181 (0xFFFFBDCF5)
YUV	232.1190, 6.3503, 16.5586
Hunter-Lab	88.4806, 10.3136, -3.1990

Details

The Yxy color **78.2882, 0.3181, 0.3042** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.7099, 0.3078, 0.3551**, and the grayscale version is **80.7397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0537, 0.3187, 0.2986** is the 20% darker color. If you saturate the color by 10%, you get **65.7979, 0.3232, 0.2834**, and if you desaturate by 10%, it is **92.7712, 0.3137, 0.3244**.

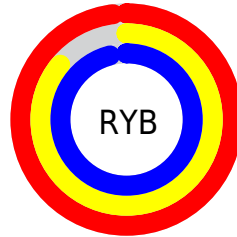
Distribution



Red (98%)

Green (86%)

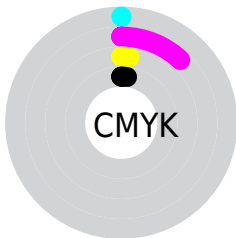
Blue (96%)



Red (98%)

Yellow (86%)

Blue (96%)

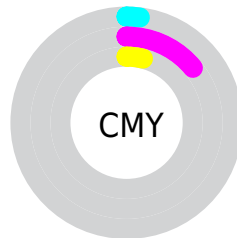


Cyan (0%)

Magenta (12%)

Yellow (2%)

Black (2%)



Cyan (2%)


Magenta (14%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.2882, 0.3181, 0.3042 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 78.2882, 0.3181, 0.3042 by changing the saturation by 10% instead.


 78.2882, 0.3181,
0.3042

 78.2882, 0.3181,
0.3042


489.1450, 0.3158,
0.3153

 58.3108, 0.3186,
0.3017


130.9563, 0.3173,
0.3080

 42.0585, 0.3192,
0.2988

164.4158, 0.3170,
0.3095

 29.1471, 0.3200,
0.2950


203.1380, 0.3167,
0.3108

 19.1921, 0.3209,
0.2903

247.5075, 0.3165,
0.3119

 11.8092, 0.3221,
0.2840

297.9085, 0.3163,
0.3129

 6.6139, 0.3238,
0.2752

354.7255, 0.3161,

 3.2218, 0.3261,

0.3138

0.2623

418.3429, 0.3159,
0.3146

1.2486, 0.3296,
0.2413

0.1009, 0.3686,
0.0809

78.2882, 0.3181,
0.3042

78.2882, 0.3181,
0.3042

65.7979, 0.3232,
0.2834

92.7712, 0.3137,
0.3244

55.2023, 0.3290,
0.2626

99.2342, 0.3104,
0.3293

46.4100, 0.3355,
0.2424

99.2522, 0.3103,
0.3290

39.3185, 0.3425,
0.2239

■ 33.8147, 0.3500,
0.2081

■ 29.7718, 0.3576,
0.1960

■ 27.0436, 0.3652,
0.1882

■ 25.4533, 0.3726,
0.1852

■ 24.8030, 0.3779,
0.1856

Harmonies

Analogous

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



78.2882, 0.2981, 0.2964



78.2882, 0.3181, 0.3042



78.2882, 0.3372, 0.3182

Triad

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



78.2882, 0.3181, 0.3042



78.2882, 0.3434, 0.3620



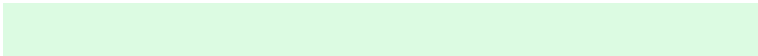
78.2882, 0.2770, 0.3210

Complementary

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



78.2882, 0.3181, 0.3042



89.7099, 0.3078, 0.3551

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.



78.2882, 0.2884, 0.3398



78.2882, 0.3181, 0.3042



78.2882, 0.3266, 0.3640

Square

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



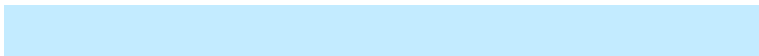
78.2882, 0.3181, 0.3042



78.2882, 0.3520, 0.3511



78.2882, 0.3064, 0.3558



78.2882, 0.2749, 0.3053

Rectangle

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



78.2882, 0.3181, 0.3042



78.2882, 0.3466, 0.3293



78.2882, 0.3064, 0.3558



78.2882, 0.2799, 0.3272

Sweetspot

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



78.2916, 0.3181, 0.3042



93.5377, 0.3144, 0.3211



74.2689, 0.2968, 0.2968



19.7690, 0.3147, 0.3196



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

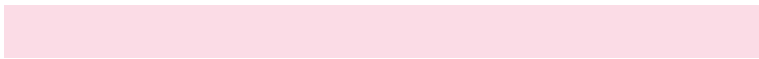
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2916, 0.3181, 0.3042



77.5104, 0.3194, 0.2987



77.4004, 0.3284, 0.3192



17.4637, 0.3168, 0.3101



13.0564, 0.3768, 0.1849



1.2235, 0.3689, 0.1806

Inverse Universe

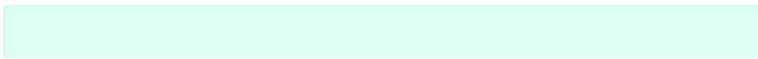
The Inverse Universe completely reimagines the original color for something new.



78.2916, 0.3181, 0.3042



77.5104, 0.3194, 0.2987



90.5821, 0.2992, 0.3391



17.4637, 0.3168, 0.3101



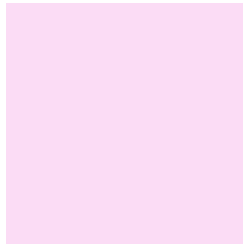
13.0564, 0.3768, 0.1849



1.2235, 0.3689, 0.1806

Previews

White Background



This preview shows how the Yxy color 78.2882, 0.3181, 0.3042 looks on a white background.

Color Contrast Check

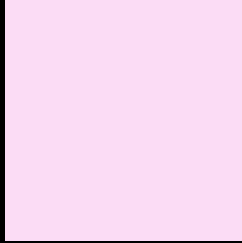
Large Text (above 18pt) WCAG AA × Fail

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 78.2882, 0.3181, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

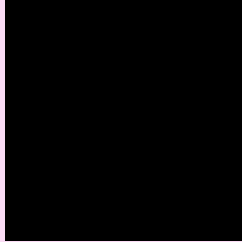
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.2882, 0.3181, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 78.2882, 0.3181, 0.3042.



This preview shows how white text looks on a background with the Yxy color 78.2882, 0.3181, 0.3042.

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

78.2882, 0.3181, 0.3042

Protanopia

78.7198, 0.2984, 0.3063

Deuteranopia

78.0682, 0.3131, 0.3059



Tritanopia

78.2099, 0.3220, 0.3120

Trichromacy



Original Color

78.2882, 0.3181, 0.3042

Protanomaly

78.4606, 0.3056, 0.3056

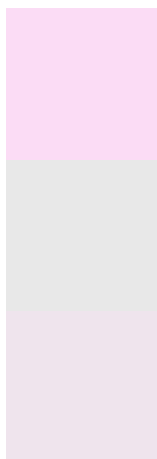
Deuteranomaly

78.0796, 0.3152, 0.3050

Tritanomaly

78.3878, 0.3200, 0.3091

Monochromacy



Original Color

78.2882, 0.3181, 0.3042

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.9520, 0.3145, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2882, 0.3181, 0.3042 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(251, 220, 245)` looks like.

```
.text, #text, p{  
    color:rgb(251, 220, 245)  
}
```

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(251, 220, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 220, 245) }
```

Border

The CSS property to change the border of an element to Yxy 78.2882, 0.3181, 0.3042 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(251, 220, 245) }
```

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

```
.border{ border-color:rgb(251, 220, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 220, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 220, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 220, 245);  
box-shadow:4px 4px 4px 4px rgb(251, 220,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2882, 0.3181, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 220, 245) }
```

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

```
.background{ background-color: rgb(251,  
220, 245) }
```

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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