

Converting Colors

Yxy(88.8991, 0.3591, 0.3089)

Have a look what the booklet for
Yxy(88.8991, 0.3591, 0.3089)
contains.

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Color

Yxy(78.3338, 0.3230, 0.3063)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBF2
RGB	255, 219, 242
RGB Percent	100%, 86%, 95%
CMY	0.0000, 0.1412, 0.0508
CMYK	0.00, 0.14, 0.05, 0.00
HSL	322°, 100%, 93%
HSV	322°, 14%, 100%
XYZ	82.6047, 78.3338, 94.8036
YIQ	232.3860, 14.0730, 14.7850

Conversions

Conversions Part 2

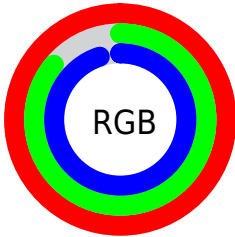
Format	Color
R _Y B	255, 219, 242
Decimal	16767986
CIE Lab	90.93, 16.24, -6.61
CIE LCh	91, 17.535, 337.844
Yxy	78.3338, 0.3230, 0.3063
Android (android.graphics.Color)	4294958066 (0xFFFFDBF2)
YUV	232.3860, 4.7397, 19.8325
Hunter-Lab	88.5064, 11.7113, -1.5540

Details

The Yxy color **78.3338, 0.3230, 0.3063** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.4037, 0.3037, 0.3528**, and the grayscale version is **80.9588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.1019, 0.3251, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **65.4967, 0.3319, 0.2894**, and if you desaturate by 10%, it is **93.2413, 0.3155, 0.3226**.

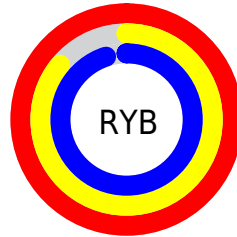
Distribution



Red (100%)

Green (86%)

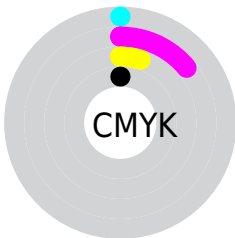
Blue (95%)



Red (100%)

Yellow (86%)

Blue (95%)

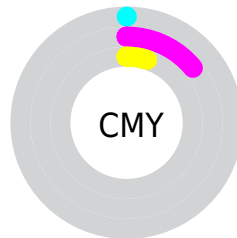


Cyan (0%)

Magenta (14%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.3338, 0.3230, 0.3063 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 78.3338, 0.3230, 0.3063 by changing the saturation by 10% instead.


 78.3338, 0.3230,
0.3063

 78.3338, 0.3230,
0.3063


489.2997, 0.3184,
0.3165

 58.3482, 0.3240,
0.3040


131.0206, 0.3214,
0.3098

 42.0887, 0.3253,
0.3013


164.4906, 0.3208,
0.3111

 29.1707, 0.3268,
0.2979

203.2241, 0.3203,
0.3123

 19.2100, 0.3288,
0.2935

247.6057, 0.3198,
0.3134

 11.8221, 0.3314,
0.2877

298.0196, 0.3194,
0.3143

 6.6227, 0.3350,
0.2796

354.8504, 0.3190,

 3.2273, 0.3404,

0.3151

0.2676

418.4823, 0.3187,
0.3158

■ 1.2515, 0.3492,
0.2481

■ 0.1032, 0.4218,
0.0880

■ 78.3338, 0.3230,
0.3063

■ 78.3338, 0.3230,
0.3063

■ 65.4967, 0.3319,
0.2894

■ 93.2413, 0.3155,
0.3226

■ 54.6300, 0.3424,
0.2725

100.0000, 0.3127,
0.3290

■ 45.6362, 0.3545,
0.2560

■ 38.4064, 0.3681,
0.2410

■ 32.8205, 0.3831,
0.2286

■ 28.7433, 0.3990,
0.2199

■ 26.0178, 0.4154,
0.2160

■ 24.4521, 0.4314,
0.2173

■ 23.9124, 0.4407,
0.2201

Harmonies

Analogous

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



78.3338, 0.3021, 0.2966



78.3338, 0.3230, 0.3063



78.3338, 0.3416, 0.3216

Triad

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



78.3338, 0.3230, 0.3063



78.3338, 0.3409, 0.3643



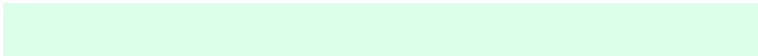
78.3338, 0.2746, 0.3166

Complementary

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



78.3338, 0.3230, 0.3063



92.4037, 0.3037, 0.3528

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.



78.3338, 0.2843, 0.3357



78.3338, 0.3230, 0.3063



78.3338, 0.3223, 0.3640

Square

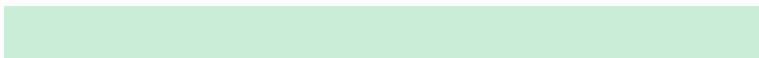
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



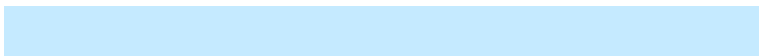
78.3338, 0.3230, 0.3063



78.3338, 0.3521, 0.3549



78.3338, 0.3017, 0.3534



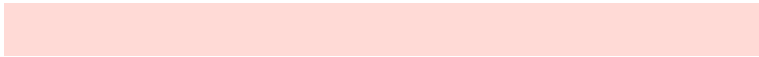
78.3338, 0.2747, 0.3019

Rectangle

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



78.3338, 0.3230, 0.3063



78.3338, 0.3499, 0.3334



78.3338, 0.3017, 0.3534



78.3338, 0.2768, 0.3228

Sweetspot

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



78.3362, 0.3230, 0.3063



93.4297, 0.3154, 0.3227



74.9717, 0.2983, 0.2922



19.7416, 0.3159, 0.3215



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.



78.3362, 0.3230, 0.3063



74.4277, 0.3254, 0.3015



77.3263, 0.3352, 0.3237



18.1829, 0.3194, 0.3139



12.5244, 0.4382, 0.2187



1.2404, 0.4212, 0.2094

Inverse Universe

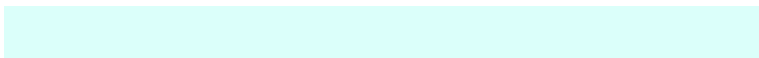
The Inverse Universe completely reimagines the original color for something new.



78.3362, 0.3230, 0.3063



74.4277, 0.3254, 0.3015



93.4570, 0.2940, 0.3344



18.1829, 0.3194, 0.3139



12.5244, 0.4382, 0.2187



1.2404, 0.4212, 0.2094

Previews

White Background



This preview shows how the Yxy color 78.3338, 0.3230, 0.3063 looks on a white background.

Color Contrast Check

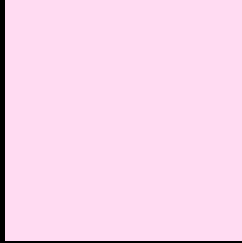
Large Text (above 18pt) WCAG AA × Fail

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 78.3338, 0.3230, 0.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

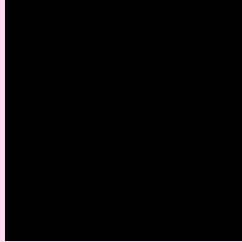
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.3338, 0.3230, 0.3063

Background



This preview shows how black text looks on a background with the Yxy color 78.3338, 0.3230, 0.3063.



This preview shows how white text looks on a background with the Yxy color 78.3338, 0.3230, 0.3063.

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

78.3338, 0.3230, 0.3063

Protanopia

78.6962, 0.3008, 0.3094

Deuteranopia

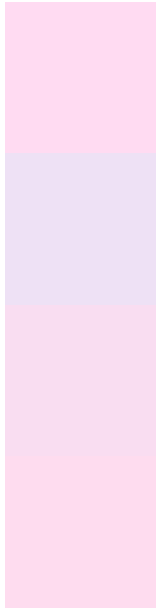
78.1863, 0.3171, 0.3099



Tritanopia

78.3717, 0.3256, 0.3122

Trichromacy



Original Color

78.3338, 0.3230, 0.3063

Protanomaly

78.6201, 0.3089, 0.3087

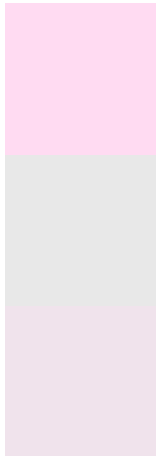
Deuteranomaly

78.2035, 0.3193, 0.3090

Tritanomaly

78.4892, 0.3243, 0.3102

Monochromacy



Original Color

78.3338, 0.3230, 0.3063

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 78.3338, 0.3230, 0.3063 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, 219, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 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, 219, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 242) }
```

Border

The CSS property to change the border of an element to Yxy 78.3338, 0.3230, 0.3063 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, 219, 242) }
```

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

```
.border{ border-color:rgb(255, 219, 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, 219, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3338, 0.3230, 0.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 242) }
```

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

```
.background{ background-color: rgb(255,  
219, 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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