

Converting Colors

$Y_{xy}(62.2720, 0.3232, 0.2773)$

Have a look what the booklet for
Yxy(62.2720, 0.3232, 0.2773)
contains.

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Color

Yxy(62.3382, 0.3230, 0.2773)

Conversions

Conversions Part 1

Format	Color
Hex	F9BCEF
RGB	249, 188, 239
RGB Percent	98%, 74%, 94%
CMY	0.0238, 0.2626, 0.0628
CMYK	0.00, 0.24, 0.04, 0.02
HSL	310°, 83%, 86%
HSV	310°, 24%, 98%
XYZ	72.6118, 62.3382, 89.8542
YIQ	212.0530, 19.9850, 28.7930

Conversions

Conversions Part 2

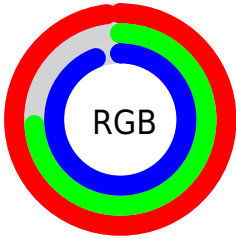
Format	Color
R _Y B	249, 188, 239
Decimal	16366831
CIE Lab	83.09, 29.96, -16.75
CIE LCh	83, 34.319, 330.794
Yxy	62.3382, 0.3230, 0.2773
Android (android.graphics.Color)	4294556911 (0xFFF9BCEF)
YUV	212.0530, 13.2849, 32.4025
Hunter-Lab	78.9545, 25.9898, -12.2068

Details

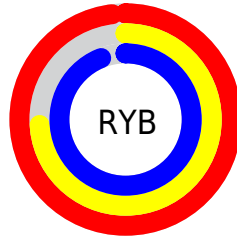
The Yxy color $62.3382, 0.3230, 0.2773$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $82.4862, 0.3039, 0.3869$, and the grayscale version is $65.7750, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $31.6756, 0.3252, 0.2654$ is the 20% darker color. If you saturate the color by 10%, you get $52.3663, 0.3282, 0.2559$, and if you desaturate by 10%, it is $74.1555, 0.3184, 0.2988$.

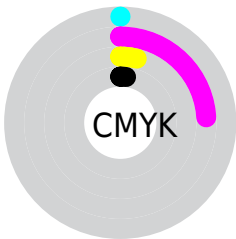
Distribution



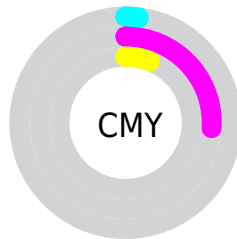
- Red (98%)
- Green (74%)
- Blue (94%)



- Red (98%)
- Yellow (74%)
- Blue (94%)



- Cyan (0%)
- Magenta (24%)
- Yellow (4%)
- Black (2%)




- Cyan (2%)
- Magenta (26%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3382, 0.3230, 0.2773 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 62.3382, 0.3230, 0.2773 by changing the saturation by 10% instead.


 62.3382, 0.3230,
0.2773

 62.3382, 0.3230,
0.2773


433.1637, 0.3186,
0.3008

 45.3060, 0.3239,
0.2720


 108.2142, 0.3215,
0.2854

 31.6985, 0.3250,
0.2656


137.8268, 0.3209,
0.2885

 21.1313, 0.3263,
0.2576


172.4016, 0.3204,
0.2913

 13.2200, 0.3280,
0.2472

212.3231, 0.3200,
0.2936

 7.5802, 0.3300,
0.2334

257.9757, 0.3196,
0.2958

 3.8276, 0.3324,
0.2141


309.7437, 0.3192,


 1.5776, 0.3352,


0.2976

0.1855


368.0116, 0.3189,
0.2993


 0.3424, 0.3486,
0.1110


 0.0000, 0.0131,
0.0000

 62.3382, 0.3230,
0.2773


 62.3382, 0.3230,
0.2773


 52.3663, 0.3282,
0.2559

 74.1555, 0.3184,
0.2988


 44.1374, 0.3339,
0.2355

 87.8973, 0.3143,
0.3199

 37.5516, 0.3400,
0.2170

 98.6256, 0.3112,
0.3327

 32.4957, 0.3463,
0.2015

 98.8686, 0.3090,
0.3290

■ 28.8421, 0.3527,
0.1898

■ 26.4425, 0.3590,
0.1826

■ 25.1150, 0.3649,
0.1801

■ 24.6951, 0.3681,
0.1801

Harmonies

Analogous

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



62.3382, 0.2802, 0.2612



62.3382, 0.3230, 0.2773



62.3382, 0.3656, 0.3050

Triad

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



62.3382, 0.3230, 0.2773



62.3382, 0.3785, 0.3995



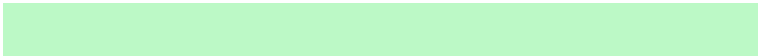
62.3382, 0.2376, 0.3098

Complementary

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



62.3382, 0.3230, 0.2773



82.4862, 0.3039, 0.3869

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.



62.3382, 0.2606, 0.3525



62.3382, 0.3230, 0.2773



62.3382, 0.3413, 0.4074

Square

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



62.3382, 0.3230, 0.2773



62.3382, 0.3984, 0.3735



62.3382, 0.2981, 0.3901



62.3382, 0.2335, 0.2769

Rectangle

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



62.3382, 0.3230, 0.2773



62.3382, 0.3868, 0.3275



62.3382, 0.2981, 0.3901



62.3382, 0.2433, 0.3235

Sweetspot

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



62.3410, 0.3230, 0.2773



88.9488, 0.3153, 0.3146



54.7104, 0.2770, 0.2606



18.8452, 0.3156, 0.3133



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.



62.3410, 0.3230, 0.2773



60.7939, 0.3253, 0.2675



60.7307, 0.3464, 0.3068



17.4730, 0.3163, 0.3094



13.2443, 0.3672, 0.1796



1.2392, 0.3607, 0.1761

Inverse Universe

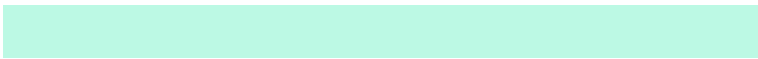
The Inverse Universe completely reimagines the original color for something new.



62.3410, 0.3230, 0.2773



60.7939, 0.3253, 0.2675



83.9900, 0.2877, 0.3525



17.4730, 0.3163, 0.3094



13.2443, 0.3672, 0.1796



1.2392, 0.3607, 0.1761

Previews

White Background



This preview shows how the Yxy color 62.3382, 0.3230, 0.2773 looks on a white background.

Color Contrast Check

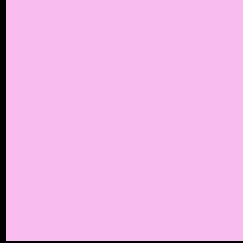
Large Text (above 18pt) WCAG AA × Fail

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 62.3382, 0.3230, 0.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

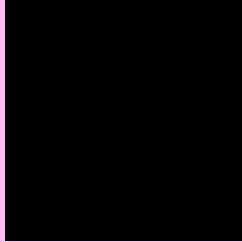
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3382, 0.3230, 0.2773

Background



This preview shows how black text looks on a background with the Yxy color 62.3382, 0.3230, 0.2773.



This preview shows how white text looks on a background with the Yxy color 62.3382, 0.3230, 0.2773.

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

62.3382, 0.3230, 0.2773

Protanopia

62.4980, 0.2770, 0.2780

Deuteranopia

62.5933, 0.2981, 0.2916



Tritanopia

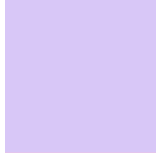
62.5995, 0.3425, 0.3132

Trichromacy



Original Color

62.3382, 0.3230, 0.2773



Protanomaly

62.1612, 0.2922, 0.2772



Deuteranomaly

62.3778, 0.3071, 0.2862



Tritanomaly

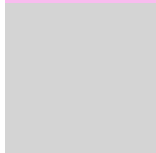
62.4594, 0.3349, 0.2998

Monochromacy



Original Color

62.3382, 0.3230, 0.2773



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

63.9933, 0.3160, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3382, 0.3230, 0.2773 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(249, 188, 239)` looks like.

```
.text, #text, p{  
    color:rgb(249, 188, 239)  
}
```

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(249, 188, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 188, 239) }
```

Border

The CSS property to change the border of an element to Yxy 62.3382, 0.3230, 0.2773 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(249, 188, 239) }
```

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

```
.border{ border-color:rgb(249, 188, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 188, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 188, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 188, 239);  
box-shadow:4px 4px 4px 4px rgb(249, 188,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3382, 0.3230, 0.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 188, 239) }
```

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

```
.background{ background-color: rgb(249,  
188, 239) }
```

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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