

Converting Colors

Yxy(62.0434, 0.3091, 0.2769)

Have a look what the booklet for
Yxy(62.0434, 0.3091, 0.2769)
contains.

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Color

Yxy(62.2732, 0.3090, 0.2769)

Conversions

Conversions Part 1

Format	Color
Hex	EBC1F3
RGB	235, 193, 243
RGB Percent	92%, 76%, 95%
CMY	0.0786, 0.2430, 0.0472
CMYK	0.03, 0.21, 0.00, 0.05
HSL	290°, 67%, 85%
HSV	290°, 21%, 95%
XYZ	69.4923, 62.2732, 93.1287
YIQ	211.2580, 8.9820, 24.4540

Conversions

Conversions Part 2

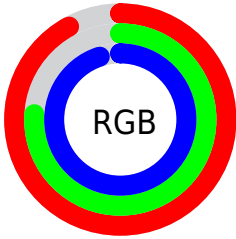
Format	Color
RYB	235, 193, 243
Decimal	15450611
CIELab	83.06, 23.46, -19.06
CIELCh	83, 30.227, 320.916
Yxy	62.2732, 0.3090, 0.2769
Android (android.graphics.Color)	4293640691 (0xFFEBC1F3)
YUV	211.2580, 15.6488, 20.8217
Hunter-Lab	78.9134, 19.0914, -14.7310

Details

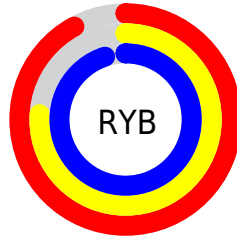
The Yxy color $62.2732, 0.3090, 0.2769$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $80.3612, 0.3152, 0.3852$, and the grayscale version is $65.2095, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.8512, 0.3129, 0.3242$, and $31.6368, 0.3076, 0.2645$ is the 20% darker color. If you saturate the color by 10%, you get $51.7424, 0.3065, 0.2506$, and if you desaturate by 10%, it is $74.5888, 0.3110, 0.3028$.

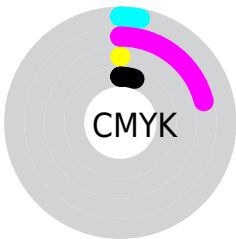
Distribution



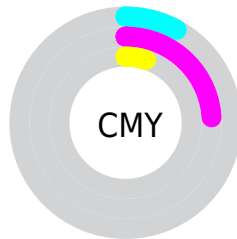
- Red (92%)
- Green (76%)
- Blue (95%)



- Red (92%)
- Yellow (76%)
- Blue (95%)



- Cyan (3%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)





- Cyan (8%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2732, 0.3090, 0.2769 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 62.2732, 0.3090, 0.2769 by changing the saturation by 10% instead.


 62.2732, 0.3090,
0.2769

 62.2732, 0.3090,
0.2769


432.9269, 0.3112,
0.3006

 45.2535, 0.3084,
0.2716


 108.1203, 0.3098,
0.2851

 31.6571, 0.3076,
0.2650


137.7164, 0.3101,
0.2883

 21.0998, 0.3065,
0.2569


172.2735, 0.3104,
0.2910

 13.1969, 0.3050,
0.2463

212.1760, 0.3106,
0.2934

 7.5643, 0.3026,
0.2322

257.8081, 0.3108,
0.2956

 3.8174, 0.2988,
0.2125


309.5544, 0.3109,

 1.5720, 0.2917,


0.2974


0.1833

367.7992, 0.3110,
0.2991


 0.3386, 0.2854,
0.1079


 0.0000, 0.0000,
0.0000


 62.2732, 0.3090,
0.2769


 62.2732, 0.3090,
0.2769


 51.7424, 0.3065,
0.2506


 74.5888, 0.3110,
0.3028


 42.9020, 0.3036,
0.2248

 88.7613, 0.3126,
0.3277

 35.6615, 0.3002,
0.2004

 97.7017, 0.3145,
0.3407

 29.9183, 0.2964,
0.1786

 98.4175, 0.3169,
0.3406

■ 25.5580, 0.2924,
0.1603

■ 99.1482, 0.3194,
0.3406

■ 22.4494, 0.2882,
0.1463

■ 99.2494, 0.3197,
0.3405

■ 20.4359, 0.2839,
0.1369

■ 19.2982, 0.2799,
0.1316

Harmonies

Analogous

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



62.2732, 0.2734, 0.2669



62.2732, 0.3090, 0.2769



62.2732, 0.3478, 0.2988

Triad

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



62.2732, 0.3090, 0.2769



62.2732, 0.3787, 0.3854



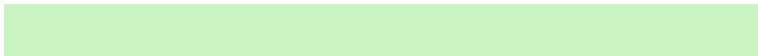
62.2732, 0.2511, 0.3244

Complementary

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



62.2732, 0.3090, 0.2769



80.3612, 0.3152, 0.3852

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.



62.2732, 0.2766, 0.3617



62.2732, 0.3090, 0.2769



62.2732, 0.3502, 0.3979

Square

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



62.2732, 0.3090, 0.2769



62.2732, 0.3894, 0.3594



62.2732, 0.3127, 0.3898



62.2732, 0.2416, 0.2915

Rectangle

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



62.2732, 0.3090, 0.2769



62.2732, 0.3696, 0.3179



62.2732, 0.3127, 0.3898



62.2732, 0.2580, 0.3370

Sweetspot

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



62.2759, 0.3090, 0.2769



90.1605, 0.3118, 0.3142



59.7489, 0.2789, 0.2817



19.0787, 0.3117, 0.3126



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.



62.2759, 0.3090, 0.2769



63.9598, 0.3079, 0.2651



62.7116, 0.3275, 0.2942



16.6256, 0.3112, 0.3055



10.6440, 0.2806, 0.1319



0.9708, 0.2859, 0.1349

Inverse Universe

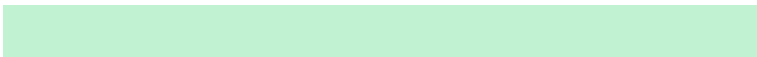
The Inverse Universe completely reimagines the original color for something new.



61.4223, 0.3474, 0.3205



62.8709, 0.3573, 0.3185



80.0632, 0.3005, 0.3665



16.5259, 0.3268, 0.3252



10.5512, 0.6172, 0.3174



0.9398, 0.5862, 0.3003

Previews

White Background



This preview shows how the Yxy color 62.2732, 0.3090, 0.2769 looks on a white background.

Color Contrast Check

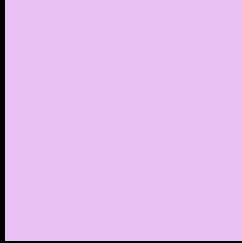
Large Text (above 18pt) WCAG AA × Fail

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 62.2732, 0.3090, 0.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

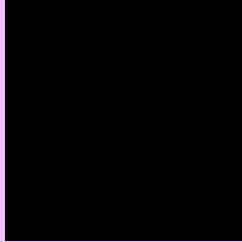
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2732, 0.3090, 0.2769

Background



This preview shows how black text looks on a background with the Yxy color 62.2732, 0.3090, 0.2769.



This preview shows how white text looks on a background with the Yxy color 62.2732, 0.3090, 0.2769.

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

62.2732, 0.3090, 0.2769

Protanopia

62.4980, 0.2770, 0.2780

Deuteranopia

62.4408, 0.2927, 0.2862



Tritanopia

62.2321, 0.3269, 0.3116

Trichromacy



Original Color

62.2732, 0.3090, 0.2769

Protanomaly

62.3995, 0.2881, 0.2779

Deuteranomaly

62.4733, 0.2985, 0.2827

Tritanomaly

62.0719, 0.3196, 0.2979

Monochromacy



Original Color

62.2732, 0.3090, 0.2769

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.7291, 0.3114, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2732, 0.3090, 0.2769 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(235, 193, 243)` looks like.

```
.text, #text, p{  
    color:rgb(235, 193, 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(235, 193, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 193, 243) }
```

Border

The CSS property to change the border of an element to Yxy 62.2732, 0.3090, 0.2769 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(235, 193, 243) }
```

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

```
.border{ border-color:rgb(235, 193, 243) }
```

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

Here you see how a box with a 4 pixel rgb(235, 193, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 193, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 193, 243);  
box-shadow:4px 4px 4px 4px rgb(235, 193,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2732, 0.3090, 0.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 193, 243) }
```

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

```
.background{ background-color: rgb(235,  
193, 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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