

Converting Colors

$Yxy(69.3573, 0.3125, 0.2952)$

Have a look what the booklet for
Yxy(69.3573, 0.3125, 0.2952)
contains.

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Color

Yxy(69.5802, 0.3128, 0.2959)

Conversions

Conversions Part 1

Format	Color
Hex	EED0F0
RGB	238, 208, 240
RGB Percent	93%, 82%, 94%
CMY	0.0666, 0.1843, 0.0587
CMYK	0.01, 0.13, 0.00, 0.06
HSL	296°, 52%, 88%
HSV	296°, 13%, 94%
XYZ	73.5542, 69.5802, 92.0133
YIQ	220.6180, 7.6080, 16.3120

Conversions

Conversions Part 2

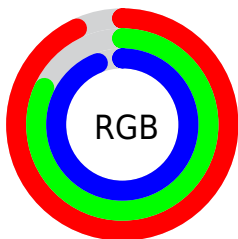
Format	Color
R _{YB}	238, 208, 240
Decimal	15651056
CIE Lab	86.79, 15.99, -11.86
CIE LCh	87, 19.907, 323.427
Yxy	69.5802, 0.3128, 0.2959
Android (android.graphics.Color)	4293841136 (0xFFEED0F0)
YUV	220.6180, 9.5553, 15.2440
Hunter-Lab	83.4147, 11.4235, -7.0114

Details

The Yxy color **69.5802, 0.3128, 0.2959** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.5914, 0.3124, 0.3642**, and the grayscale version is **71.9571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5170, 0.3127, 0.2891** is the 20% darker color. If you saturate the color by 10%, you get **58.4935, 0.3127, 0.2704**, and if you desaturate by 10%, it is **82.4462, 0.3128, 0.3209**.

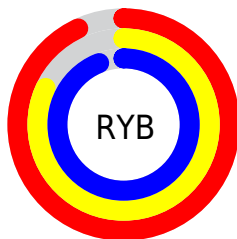
Distribution



Red (93%)

Green (82%)

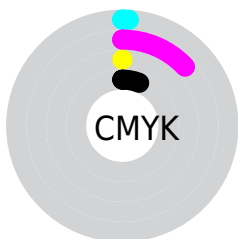
Blue (94%)



Red (93%)

Yellow (82%)

Blue (94%)

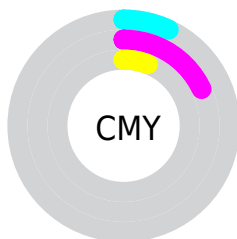


Cyan (1%)

Magenta (13%)

Yellow (0%)

Black (6%)



Cyan (7%)


Magenta (18%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5802, 0.3128, 0.2959 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 69.5802, 0.3128, 0.2959 by changing the saturation by 10% instead.


 69.5802, 0.3128,
0.2959

 69.5802, 0.3128,
0.2959


459.0746, 0.3129,
0.3109

 51.1844, 0.3127,
0.2925

118.6099, 0.3129,
0.3011

 36.3554, 0.3126,
0.2884

150.0126, 0.3129,
0.3031

 24.7088, 0.3125,
0.2832


186.5196, 0.3129,
0.3048

 15.8602, 0.3122,
0.2765

228.5154, 0.3129,
0.3064

 9.4253, 0.3118,
0.2676

276.3845, 0.3129,
0.3077

 5.0196, 0.3109,
0.2549


330.5111, 0.3129,


 2.2588, 0.3092,


0.3089


0.2359


391.2797, 0.3129,
0.3100


 0.7518, 0.3057,
0.2028

 0.0000, 0.1062,
0.0000


 69.5802, 0.3128,
0.2959


 69.5802, 0.3128,
0.2959


 58.4935, 0.3127,
0.2704


 82.4462, 0.3128,
0.3209


 49.0977, 0.3124,
0.2451

 96.5183, 0.3126,
0.3438

 41.3105, 0.3119,
0.2209

 96.7831, 0.3136,
0.3437

 35.0390, 0.3111,
0.1989

 97.0501, 0.3145,
0.3437

30.1810, 0.3101,
0.1799

97.3192, 0.3154,
0.3437

26.6216, 0.3090,
0.1649

97.5905, 0.3164,
0.3436

24.2279, 0.3076,
0.1542

97.8641, 0.3173,
0.3436

22.8385, 0.3061,
0.1478

98.1398, 0.3183,
0.3435

22.3081, 0.3051,
0.1454

98.4177, 0.3192,
0.3435

Harmonies

Analogous

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



69.5802, 0.2894, 0.2887



69.5802, 0.3128, 0.2959



69.5802, 0.3370, 0.3111

Triad

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



69.5802, 0.3128, 0.2959



69.5802, 0.3537, 0.3665



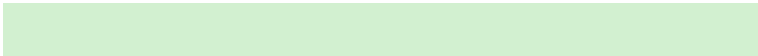
69.5802, 0.2721, 0.3248

Complementary

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



69.5802, 0.3128, 0.2959



80.5914, 0.3124, 0.3642

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.



69.5802, 0.2882, 0.3477



69.5802, 0.3128, 0.2959



69.5802, 0.3352, 0.3723

Square

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



69.5802, 0.3128, 0.2959



69.5802, 0.3612, 0.3510



69.5802, 0.3112, 0.3655



69.5802, 0.2666, 0.3042

Rectangle

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



69.5802, 0.3128, 0.2959



69.5802, 0.3501, 0.3240



69.5802, 0.3112, 0.3655



69.5802, 0.2764, 0.3325

Sweetspot

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



69.5832, 0.3128, 0.2959



93.5433, 0.3128, 0.3192



65.8582, 0.2914, 0.2961



19.7704, 0.3128, 0.3174



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.



69.5832, 0.3128, 0.2959



76.1946, 0.3128, 0.2890



69.1374, 0.3240, 0.3101



15.9782, 0.3128, 0.3057



12.2305, 0.3053, 0.1456



1.0325, 0.3075, 0.1468

Inverse Universe

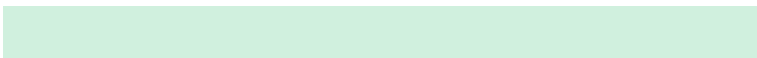
The Inverse Universe completely reimagines the original color for something new.



68.2911, 0.3358, 0.3269



74.4510, 0.3413, 0.3265



81.0133, 0.3028, 0.3487



15.7748, 0.3284, 0.3276



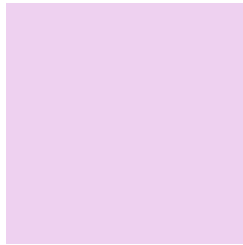
10.1663, 0.6335, 0.3263



0.8513, 0.6167, 0.3171

Previews

White Background



This preview shows how the Yxy color 69.5802, 0.3128, 0.2959 looks on a white background.

Color Contrast Check

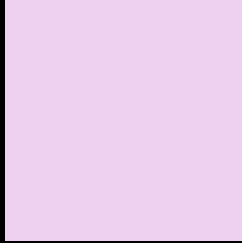
Large Text (above 18pt) WCAG AA × Fail

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 69.5802, 0.3128, 0.2959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

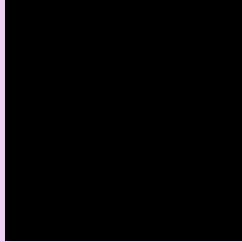
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.5802, 0.3128, 0.2959

Background



This preview shows how black text looks on a background with the Yxy color 69.5802, 0.3128, 0.2959.



This preview shows how white text looks on a background with the Yxy color 69.5802, 0.3128, 0.2959.

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

69.5802, 0.3128, 0.2959

Protanopia

69.8504, 0.2919, 0.2978

Deuteranopia

69.3145, 0.3061, 0.2994



Tritanopia

69.4721, 0.3202, 0.3111

Trichromacy



Original Color

69.5802, 0.3128, 0.2959

Protanomaly

69.5892, 0.2993, 0.2971

Deuteranomaly

69.4810, 0.3090, 0.2986

Tritanomaly

69.4316, 0.3175, 0.3050

Monochromacy



Original Color

69.5802, 0.3128, 0.2959

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.0441, 0.3126, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5802, 0.3128, 0.2959 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(238, 208, 240)` looks like.

```
.text, #text, p{  
    color:rgb(238, 208, 240)  
}
```

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(238, 208, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 208, 240) }
```

Border

The CSS property to change the border of an element to Yxy 69.5802, 0.3128, 0.2959 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(238, 208, 240) }
```

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

```
.border{ border-color:rgb(238, 208, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 208, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 208, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 208, 240);  
box-shadow:4px 4px 4px 4px rgb(238, 208,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5802, 0.3128, 0.2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 208, 240) }
```

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

```
.background{ background-color: rgb(238,  
208, 240) }
```

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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