

Converting Colors

Yxy(69.9879, 0.3136, 0.2951)

Have a look what the booklet for
Yxy(69.9879, 0.3136, 0.2951)
contains.

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Color

Yxy(69.9879, 0.3136, 0.2951)

Conversions

Conversions Part 1

Format	Color
Hex	F0D0F1
RGB	240, 208, 241
RGB Percent	94%, 82%, 95%
CMY	0.0587, 0.1843, 0.0549
CMYK	0.00, 0.14, 0.00, 0.05
HSL	298°, 54%, 88%
HSV	298°, 14%, 95%
XYZ	74.3755, 69.9879, 92.8033
YIQ	221.3300, 8.4790, 17.0470

Conversions

Conversions Part 2

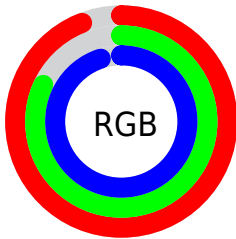
Format	Color
R _Y B	240, 208, 241
Decimal	15782129
CIE Lab	86.99, 16.83, -12.06
CIE LCh	87, 20.699, 324.379
Yxy	69.9879, 0.3136, 0.2951
Android (android.graphics.Color)	4293972209 (0xFFFF0D0F1)
YUV	221.3300, 9.6973, 16.3736
Hunter-Lab	83.6588, 12.2897, -7.2097

Details

The Yxy color $69.9879, 0.3136, 0.2951$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $81.0106, 0.3116, 0.3652$, and the grayscale version is $72.4802, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.8043, 0.3137, 0.2880$ is the 20% darker color. If you saturate the color by 10%, you get $58.9964, 0.3142, 0.2698$, and if you desaturate by 10%, it is $82.7713, 0.3130, 0.3200$.

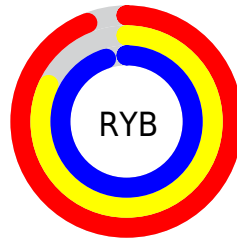
Distribution



Red (94%)

Green (82%)

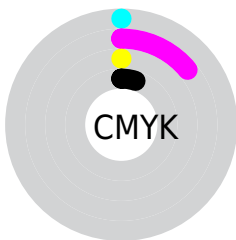
Blue (95%)



Red (94%)

Yellow (82%)

Blue (95%)

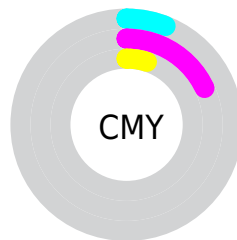


Cyan (0%)

Magenta (14%)

Yellow (0%)

Black (5%)



Cyan (6%)


Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9879, 0.3136, 0.2951 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 69.9879, 0.3136, 0.2951 by changing the saturation by 10% instead.

 69.9879, 0.3136,
0.2951

 69.9879, 0.3136,
0.2951


460.5075, 0.3134,
0.3105

 51.5167, 0.3136,
0.2917


119.1915, 0.3136,
0.3004

 36.6200, 0.3136,
0.2874


150.6927, 0.3135,
0.3024

 24.9134, 0.3136,
0.2822


187.3059, 0.3135,
0.3042

 16.0125, 0.3135,
0.2754

229.4157, 0.3135,
0.3058

 9.5330, 0.3132,
0.2663

277.4063, 0.3134,
0.3072

 5.0905, 0.3127,
0.2535

331.6622, 0.3134,

 2.3004, 0.3115,

0.3084

0.2343

392.5678, 0.3134,
0.3095

0.7739, 0.3086,
0.2016

0.0000, 0.1639,
0.0000

69.9879, 0.3136,
0.2951

69.9879, 0.3136,
0.2951

58.9964, 0.3142,
0.2698

82.7713, 0.3130,
0.3200

49.7075, 0.3146,
0.2448

96.6486, 0.3123,
0.3428

42.0377, 0.3150,
0.2212

96.7728, 0.3128,
0.3428

35.8931, 0.3152,
0.1998

96.8974, 0.3132,
0.3428

31.1699, 0.3151,
0.1816

97.0226, 0.3137,
0.3427

27.7515, 0.3149,
0.1674

97.1482, 0.3141,
0.3427

25.5031, 0.3145,
0.1576

97.2743, 0.3145,
0.3427

24.2602, 0.3140,
0.1520

97.4009, 0.3150,
0.3427

23.8379, 0.3135,
0.1501

97.5279, 0.3154,
0.3427

Harmonies

Analogous

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



69.9879, 0.2892, 0.2873



69.9879, 0.3136, 0.2951



69.9879, 0.3387, 0.3110

Triad

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



69.9879, 0.3136, 0.2951



69.9879, 0.3548, 0.3682



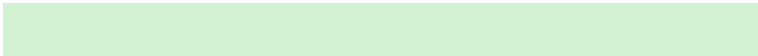
69.9879, 0.2702, 0.3238

Complementary

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



69.9879, 0.3136, 0.2951



81.0106, 0.3116, 0.3652

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.



69.9879, 0.2866, 0.3477



69.9879, 0.3136, 0.2951



69.9879, 0.3353, 0.3739

Square

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



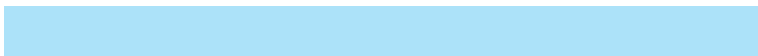
69.9879, 0.3136, 0.2951



69.9879, 0.3630, 0.3524



69.9879, 0.3103, 0.3665



69.9879, 0.2649, 0.3027

Rectangle

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



69.9879, 0.3136, 0.2951



69.9879, 0.3521, 0.3244



69.9879, 0.3103, 0.3665



69.9879, 0.2746, 0.3318

Sweetspot

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



69.9909, 0.3136, 0.2951



93.6075, 0.3130, 0.3192



65.4073, 0.2908, 0.2939



19.7867, 0.3130, 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.



69.9909, 0.3136, 0.2951



76.4495, 0.3137, 0.2892



69.2780, 0.3251, 0.3107



16.0065, 0.3133, 0.3057



12.9382, 0.3137, 0.1502



1.0837, 0.3147, 0.1507

Inverse Universe

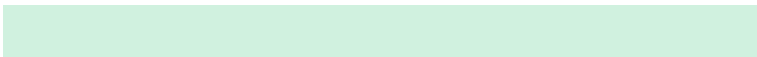
The Inverse Universe completely reimagines the original color for something new.



68.4105, 0.3373, 0.3281



74.3808, 0.3423, 0.3279



81.6660, 0.3019, 0.3481



15.7663, 0.3289, 0.3284



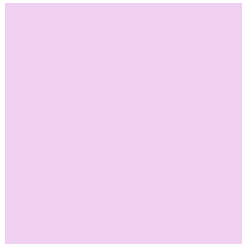
10.1527, 0.6370, 0.3283



0.8472, 0.6289, 0.3238

Previews

White Background



This preview shows how the Yxy color 69.9879, 0.3136, 0.2951 looks on a white background.

Color Contrast Check

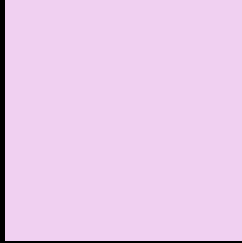
Large Text (above 18pt) WCAG AA × Fail

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 69.9879, 0.3136, 0.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

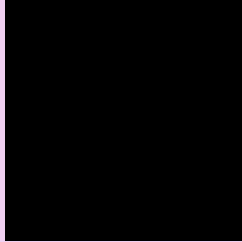
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9879, 0.3136, 0.2951

Background



This preview shows how black text looks on a background with the Yxy color 69.9879, 0.3136, 0.2951.



This preview shows how white text looks on a background with the Yxy color 69.9879, 0.3136, 0.2951.

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

69.9879, 0.3136, 0.2951

Protanopia

69.9117, 0.2913, 0.2967

Deuteranopia

70.0363, 0.3062, 0.2996



Tritanopia

69.8164, 0.3217, 0.3112

Trichromacy



Original Color

69.9879, 0.3136, 0.2951

Protanomaly

69.8081, 0.2993, 0.2962

Deuteranomaly

70.2034, 0.3091, 0.2987

Tritanomaly

69.7778, 0.3190, 0.3051

Monochromacy



Original Color

69.9879, 0.3136, 0.2951

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.2072, 0.3133, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9879, 0.3136, 0.2951 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(240, 208, 241)` looks like.

```
.text, #text, p{  
    color:rgb(240, 208, 241)  
}
```

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(240, 208, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 208, 241) }
```

Border

The CSS property to change the border of an element to Yxy 69.9879, 0.3136, 0.2951 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(240, 208, 241) }
```

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

```
.border{ border-color:rgb(240, 208, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 208, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 208, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 208, 241);  
box-shadow:4px 4px 4px 4px rgb(240, 208,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9879, 0.3136, 0.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 208, 241) }
```

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

```
.background{ background-color: rgb(240,  
208, 241) }
```

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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