

Converting Colors

Yxy(70.6464, 0.3125, 0.3039)

Have a look what the booklet for
Yxy(70.6464, 0.3125, 0.3039)
contains.

Yxy(70.6355, 0.3124, 0.3039)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.6355, 0.3124, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	EAD4EC
RGB	234, 212, 236
RGB Percent	92%, 83%, 93%
CMY	0.0825, 0.1686, 0.0744
CMYK	0.01, 0.10, 0.00, 0.07
HSL	295°, 39%, 88%
HSV	295°, 10%, 93%
XYZ	72.6112, 70.6355, 89.1834
YIQ	221.3140, 5.4080, 12.1280

Conversions

Conversions Part 2

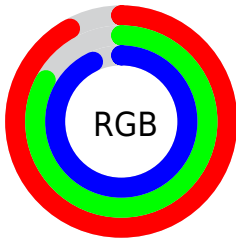
Format	Color
RYB	234, 212, 236
Decimal	15389932
CIELab	87.31, 11.79, -9.01
CIELCh	87, 14.838, 322.605
Yxy	70.6355, 0.3124, 0.3039
Android (android.graphics.Color)	4293580012 (0xFFEAD4EC)
YUV	221.3140, 7.2402, 11.1256
Hunter-Lab	84.0449, 7.1376, -4.0835

Details

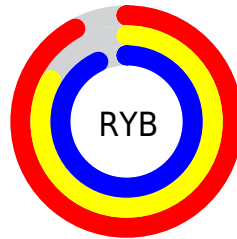
The Yxy color **70.6355, 0.3124, 0.3039** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.0669, 0.3129, 0.3552**, and the grayscale version is **72.4842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.8742, 0.3123, 0.2979** is the 20% darker color. If you saturate the color by 10%, you get **59.3472, 0.3119, 0.2784**, and if you desaturate by 10%, it is **83.6587, 0.3127, 0.3286**.

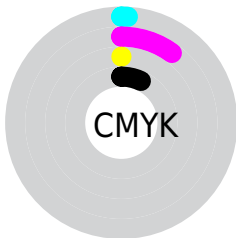
Distribution



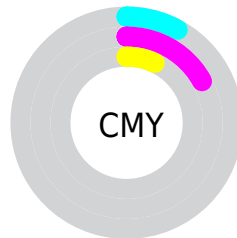
- Red (92%)
- Green (83%)
- Blue (93%)



- Red (92%)
- Yellow (83%)
- Blue (93%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (7%)





- Cyan (8%)
- Magenta (17%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.6355, 0.3124, 0.3039 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 70.6355, 0.3124, 0.3039 by changing the saturation by 10% instead.


 70.6355, 0.3124,
0.3039

 70.6355, 0.3124,
0.3039


462.7782, 0.3126,
0.3154

 52.0448, 0.3123,
0.3013


120.1146, 0.3125,
0.3078

 37.0408, 0.3122,
0.2981


151.7717, 0.3125,
0.3094

 25.2391, 0.3121,
0.2942


188.5532, 0.3126,
0.3107

 16.2553, 0.3118,
0.2890

230.8433, 0.3126,
0.3119

 9.7050, 0.3115,
0.2820

279.0264, 0.3126,
0.3129

 5.2038, 0.3108,
0.2721

333.4870, 0.3126,

 2.3673, 0.3096,

0.3138

0.2570

394.6095, 0.3126,
0.3146

0.8090, 0.3068,
0.2308

0.0000, 0.0144,
0.0000

70.6355, 0.3124,
0.3039

70.6355, 0.3124,
0.3039

59.3472, 0.3119,
0.2784

83.6587, 0.3127,
0.3286

49.7101, 0.3111,
0.2528

95.7569, 0.3131,
0.3479

41.6472, 0.3101,
0.2279

96.1086, 0.3143,
0.3478

35.0721, 0.3088,
0.2047

96.4642, 0.3156,
0.3478

29.8896, 0.3072,
0.1842

96.8238, 0.3169,
0.3477

25.9938, 0.3054,
0.1673

97.1873, 0.3181,
0.3476

23.2634, 0.3034,
0.1547

97.5548, 0.3194,
0.3476

21.5543, 0.3013,
0.1466

97.9263, 0.3207,
0.3475

20.6300, 0.2992,
0.1422

98.3018, 0.3220,
0.3474

Harmonies

Analogous

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



70.6355, 0.2950, 0.2987



70.6355, 0.3124, 0.3039



70.6355, 0.3303, 0.3153

Triad

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



70.6355, 0.3124, 0.3039



70.6355, 0.3434, 0.3567



70.6355, 0.2826, 0.3266

Complementary

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



70.6355, 0.3124, 0.3039



79.0669, 0.3129, 0.3552

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.



70.6355, 0.2949, 0.3432



70.6355, 0.3124, 0.3039



70.6355, 0.3300, 0.3609

Square

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



70.6355, 0.3124, 0.3039



70.6355, 0.3485, 0.3453



70.6355, 0.3122, 0.3560



70.6355, 0.2782, 0.3112

Rectangle

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



70.6355, 0.3124, 0.3039



70.6355, 0.3400, 0.3250



70.6355, 0.3122, 0.3560



70.6355, 0.2860, 0.3322

Sweetspot

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



70.6385, 0.3124, 0.3039



95.0918, 0.3126, 0.3217



68.3596, 0.2968, 0.3053



20.0798, 0.3126, 0.3197



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.



70.6385, 0.3124, 0.3039



81.5132, 0.3123, 0.2992



70.4449, 0.3205, 0.3139



15.2444, 0.3124, 0.3057



11.3971, 0.2995, 0.1424



0.9143, 0.3027, 0.1441

Inverse Universe

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



69.7892, 0.3292, 0.3269



80.3337, 0.3327, 0.3265



79.2589, 0.3056, 0.3446



15.0750, 0.3279, 0.3270



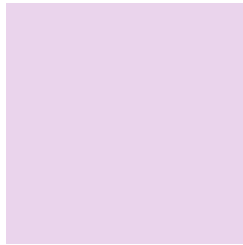
9.8657, 0.6304, 0.3247



0.7819, 0.6073, 0.3119

Previews

White Background



This preview shows how the Yxy color 70.6355, 0.3124, 0.3039 looks on a white background.

Color Contrast Check

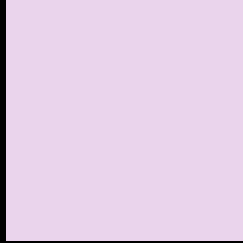
Large Text (above 18pt) WCAG AA × Fail

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 70.6355, 0.3124, 0.3039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

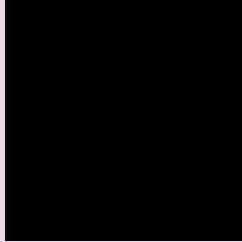
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

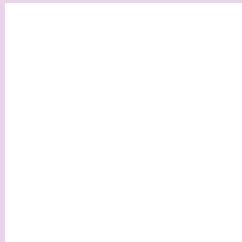
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.6355, 0.3124, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 70.6355, 0.3124, 0.3039.



This preview shows how white text looks on a background with the Yxy color 70.6355, 0.3124, 0.3039.

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

70.6355, 0.3124, 0.3039

Protanopia

70.6094, 0.2984, 0.3053

Deuteranopia

70.8004, 0.3110, 0.3049



Tritanopia

70.6253, 0.3157, 0.3111

Trichromacy



Original Color

70.6355, 0.3124, 0.3039

Protanomaly

70.4619, 0.3032, 0.3045

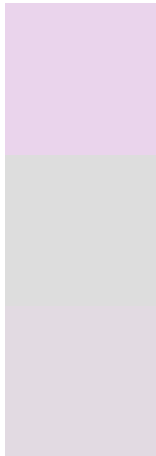
Deuteranomaly

70.9683, 0.3117, 0.3049

Tritanomaly

70.7383, 0.3144, 0.3090

Monochromacy



Original Color

70.6355, 0.3124, 0.3039

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.8025, 0.3131, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.6355, 0.3124, 0.3039 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(234, 212, 236)` looks like.

```
.text, #text, p{  
    color:rgb(234, 212, 236)  
}
```

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(234, 212, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 212, 236) }
```

Border

The CSS property to change the border of an element to Yxy 70.6355, 0.3124, 0.3039 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(234, 212, 236) }
```

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

```
.border{ border-color:rgb(234, 212, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 212, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 212, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 212, 236);  
box-shadow:4px 4px 4px 4px rgb(234, 212,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 70.6355, 0.3124, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 212, 236) }
```

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

```
.background{ background-color: rgb(234,  
212, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor