

Converting Colors

Yxy(62.1706, 0.3106, 0.2858)

Have a look what the booklet for
Yxy(62.1706, 0.3106, 0.2858)
contains.

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Color

Yxy(62.0753, 0.3109, 0.2855)

Conversions

Conversions Part 1

Format	Color
Hex	E7C3EC
RGB	231, 195, 236
RGB Percent	91%, 76%, 93%
CMY	0.0943, 0.2352, 0.0746
CMYK	0.02, 0.17, 0.00, 0.07
HSL	293°, 52%, 85%
HSV	293°, 17%, 93%
XYZ	67.5979, 62.0753, 87.7534
YIQ	210.4380, 8.2950, 20.3830

Conversions

Conversions Part 2

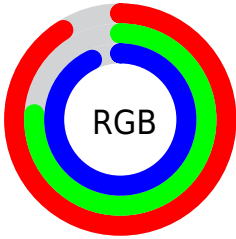
Format	Color
R _Y B	231, 195, 236
Decimal	15188972
CIE Lab	82.95, 19.78, -15.51
CIE LCh	83, 25.141, 321.901
Yxy	62.0753, 0.3109, 0.2855
Android (android.graphics.Color)	4293379052 (0xFFE7C3EC)
YUV	210.4380, 12.6021, 18.0329
Hunter-Lab	78.7879, 15.2695, -10.8853

Details

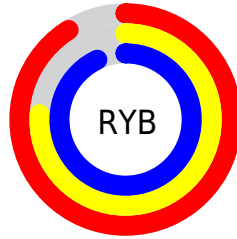
The Yxy color $62.0753, 0.3109, 0.2855$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $76.1995, 0.3138, 0.3756$, and the grayscale version is $64.6620, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1008, 0.3128, 0.3261$, and $31.4590, 0.3101, 0.2753$ is the 20% darker color. If you saturate the color by 10%, you get $51.8482, 0.3094, 0.2596$, and if you desaturate by 10%, it is $73.9866, 0.3121, 0.3109$.

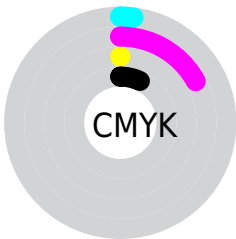
Distribution



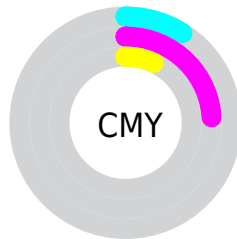
- Red (91%)
- Green (76%)
- Blue (93%)



- Red (91%)
- Yellow (76%)
- Blue (93%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)




- Cyan (9%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0753, 0.3109, 0.2855 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 62.0753, 0.3109, 0.2855 by changing the saturation by 10% instead.


 62.0753, 0.3109,
0.2855

 62.0753, 0.3109,
0.2855

432.2057, 0.3120,
0.3055

 45.0935, 0.3106,
0.2810

 107.8344, 0.3114,
0.2924

 31.5311, 0.3101,
0.2754


137.3804, 0.3115,
0.2951

 21.0036, 0.3095,
0.2684


171.8834, 0.3116,
0.2974

 13.1266, 0.3085,
0.2592

211.7277, 0.3118,
0.2995

 7.5158, 0.3071,
0.2469

257.2977, 0.3118,
0.3012

 3.7867, 0.3046,
0.2294

308.9778, 0.3119,

 1.5550, 0.2998,

0.3028

367.1523, 0.3120,
0.3042

0.2028

0.3270, 0.3002,
0.1237

0.0000, 0.0000,
0.0000

62.0753, 0.3109,
0.2855

62.0753, 0.3109,
0.2855

51.8482, 0.3094,
0.2596

73.9866, 0.3121,
0.3109

43.2190, 0.3076,
0.2340

87.6474, 0.3129,
0.3353

36.1059, 0.3054,
0.2096

96.0336, 0.3141,
0.3479

30.4163, 0.3028,
0.1876

96.5417, 0.3159,
0.3478

26.0479, 0.3000,
0.1689

97.0578, 0.3177,
0.3477

22.8842, 0.2969,
0.1542

97.5821, 0.3195,
0.3476

20.7889, 0.2938,
0.1441

98.1144, 0.3214,
0.3475

19.5820, 0.2906,
0.1382

98.6550, 0.3232,
0.3474

19.3361, 0.2898,
0.1370

98.8345, 0.3238,
0.3474

Harmonies

Analogous

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



62.0753, 0.2807, 0.2767



62.0753, 0.3109, 0.2855



62.0753, 0.3430, 0.3044

Triad

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



62.0753, 0.3109, 0.2855



62.0753, 0.3673, 0.3770



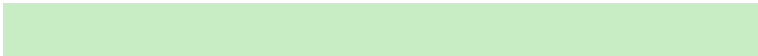
62.0753, 0.2606, 0.3245

Complementary

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



62.0753, 0.3109, 0.2855



76.1995, 0.3138, 0.3756

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.



62.0753, 0.2818, 0.3551



62.0753, 0.3109, 0.2855



62.0753, 0.3433, 0.3862

Square

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



62.0753, 0.3109, 0.2855



62.0753, 0.3765, 0.3558



62.0753, 0.3119, 0.3785



62.0753, 0.2528, 0.2973

Rectangle

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



62.0753, 0.3109, 0.2855



62.0753, 0.3608, 0.3208



62.0753, 0.3119, 0.3785



62.0753, 0.2663, 0.3348

Sweetspot

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



62.0780, 0.3109, 0.2855



91.8386, 0.3123, 0.3167



59.1923, 0.2845, 0.2883



19.4209, 0.3122, 0.3150



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.



62.0780, 0.3109, 0.2855



69.2424, 0.3104, 0.2758



62.0868, 0.3259, 0.3013



15.2149, 0.3118, 0.3057



10.6997, 0.2903, 0.1373



0.8665, 0.2948, 0.1398

Inverse Universe

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



61.0402, 0.3421, 0.3236



67.7974, 0.3501, 0.3224



76.2349, 0.3015, 0.3584



15.0840, 0.3274, 0.3261



9.8883, 0.6246, 0.3214



0.7862, 0.5946, 0.3049

Previews

White Background



This preview shows how the Yxy color 62.0753, 0.3109, 0.2855 looks on a white background.

Color Contrast Check

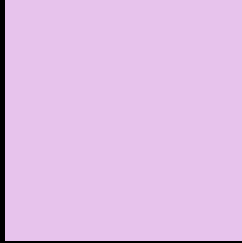
Large Text (above 18pt) WCAG AA × Fail

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 62.0753, 0.3109, 0.2855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

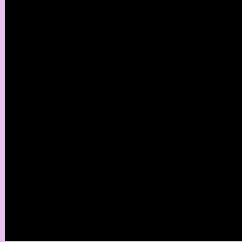
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0753, 0.3109, 0.2855

Background



This preview shows how black text looks on a background with the Yxy color 62.0753, 0.3109, 0.2855.



This preview shows how white text looks on a background with the Yxy color 62.0753, 0.3109, 0.2855.

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

62.0753, 0.3109, 0.2855

Protanopia

62.2758, 0.2832, 0.2864

Deuteranopia

62.0676, 0.2988, 0.2915



Tritanopia

62.1959, 0.3244, 0.3126

Trichromacy



Original Color

62.0753, 0.3109, 0.2855

Protanomaly

61.9134, 0.2933, 0.2861

Deuteranomaly

62.0607, 0.3032, 0.2898

Tritanomaly

62.3201, 0.3194, 0.3030

Monochromacy



Original Color

62.0753, 0.3109, 0.2855

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.6825, 0.3127, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0753, 0.3109, 0.2855 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(231, 195, 236)` looks like.

```
.text, #text, p{  
    color:rgb(231, 195, 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(231, 195, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 195, 236) }
```

Border

The CSS property to change the border of an element to Yxy 62.0753, 0.3109, 0.2855 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(231, 195, 236) }
```

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

```
.border{ border-color:rgb(231, 195, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 195, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 195, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 195, 236);  
box-shadow:4px 4px 4px 4px rgb(231, 195,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0753, 0.3109, 0.2855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 195, 236) }
```

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

```
.background{ background-color: rgb(231,  
195, 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](#).

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