

Converting Colors

Yxy(63.0445, 0.3112, 0.2789)

Have a look what the booklet for
Yxy(63.0445, 0.3112, 0.2789)
contains.

Yxy(62.9989, 0.3112, 0.2791)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.9989, 0.3112, 0.2791)

Conversions

Conversions Part 1

Format	Color
Hex	EDC2F2
RGB	237, 194, 242
RGB Percent	93%, 76%, 95%
CMY	0.0706, 0.2392, 0.0509
CMYK	0.02, 0.20, 0.00, 0.05
HSL	294°, 65%, 85%
HSV	294°, 20%, 95%
XYZ	70.2446, 62.9989, 92.4781
YIQ	212.3290, 10.2200, 24.0440

Conversions

Conversions Part 2

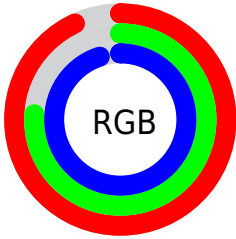
Format	Color
R _Y B	237, 194, 242
Decimal	15581938
CIE Lab	83.44, 23.43, -17.95
CIE LCh	83, 29.517, 322.540
Yxy	62.9989, 0.3112, 0.2791
Android (android.graphics.Color)	4293772018 (0xFFEDC2F2)
YUV	212.3290, 14.6278, 21.6365
Hunter-Lab	79.3718, 19.0728, -13.5200

Details

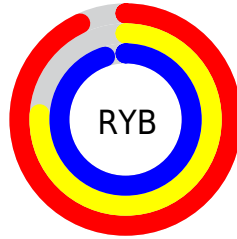
The Yxy color $62.9989, 0.3112, 0.2791$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $79.5589, 0.3134, 0.3833$, and the grayscale version is $65.9661, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4744, 0.3129, 0.3252$, and $32.1251, 0.3105, 0.2675$ is the 20% darker color. If you saturate the color by 10%, you get $52.6583, 0.3100, 0.2533$, and if you desaturate by 10%, it is $75.1054, 0.3121, 0.3047$.

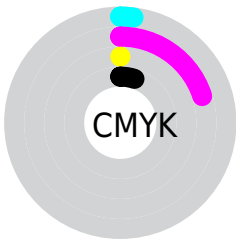
Distribution



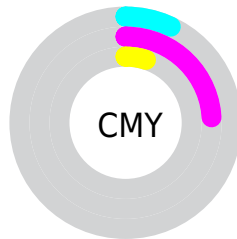
- Red (93%)
- Green (76%)
- Blue (95%)



- Red (93%)
- Yellow (76%)
- Blue (95%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)




- Cyan (7%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9989, 0.3112, 0.2791 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 62.9989, 0.3112, 0.2791 by changing the saturation by 10% instead.


 62.9989, 0.3112,
0.2791

 62.9989, 0.3112,
0.2791

435.5655, 0.3123,
0.3018

 45.8403, 0.3109,
0.2740


 109.1679, 0.3117,
0.2869

 32.1198, 0.3104,
0.2678


138.9472, 0.3118,
0.2900

 21.4530, 0.3097,
0.2599


173.7021, 0.3119,
0.2926

 13.4556, 0.3087,
0.2498

213.8170, 0.3120,
0.2949

 7.7430, 0.3071,
0.2363

259.6765, 0.3121,
0.2970

 3.9309, 0.3044,
0.2174


311.6648, 0.3122,


 1.6350, 0.2992,


0.2988

0.1894

370.1663, 0.3122,
0.3004


 0.3810, 0.2953,
0.1200


 0.0000, 0.0000,
0.0000


 62.9989, 0.3112,
0.2791


 62.9989, 0.3112,
0.2791


 52.6583, 0.3100,
0.2533


 75.1054, 0.3121,
0.3047


 43.9907, 0.3085,
0.2281

 89.0487, 0.3127,
0.3294

 36.9068, 0.3067,
0.2045

 97.2720, 0.3137,
0.3417

 31.3060, 0.3046,
0.1835

 97.7298, 0.3153,
0.3416

■ 27.0759, 0.3022,
0.1661

■ 98.1940, 0.3169,
0.3416

■ 24.0882, 0.2996,
0.1530

■ 98.6644, 0.3185,
0.3415

■ 22.1902, 0.2970,
0.1443

■ 99.1411, 0.3201,
0.3415

■ 21.1301, 0.2943,
0.1395

■ 99.1921, 0.3203,
0.3415

■ 21.1155, 0.2942,
0.1395

Harmonies

Analogous

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



62.9989, 0.2761, 0.2686



62.9989, 0.3112, 0.2791



62.9989, 0.3488, 0.3010

Triad

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



62.9989, 0.3112, 0.2791



62.9989, 0.3759, 0.3850



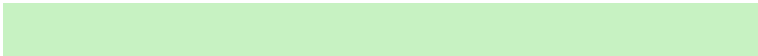
62.9989, 0.2518, 0.3226

Complementary

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



62.9989, 0.3112, 0.2791



79.5589, 0.3134, 0.3833

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.



62.9989, 0.2759, 0.3589



62.9989, 0.3112, 0.2791



62.9989, 0.3474, 0.3961

Square

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



62.9989, 0.3112, 0.2791



62.9989, 0.3873, 0.3603



62.9989, 0.3107, 0.3869



62.9989, 0.2434, 0.2911

Rectangle

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



62.9989, 0.3112, 0.2791



62.9989, 0.3695, 0.3198



62.9989, 0.3107, 0.3869



62.9989, 0.2583, 0.3348

Sweetspot

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



63.0016, 0.3112, 0.2791



90.3212, 0.3124, 0.3143



59.0089, 0.2800, 0.2808



19.1168, 0.3123, 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.



63.0016, 0.3112, 0.2791



65.7796, 0.3107, 0.2682



62.8279, 0.3287, 0.2979



15.9425, 0.3121, 0.3056



11.3768, 0.2947, 0.1397



0.9704, 0.2984, 0.1417

Inverse Universe

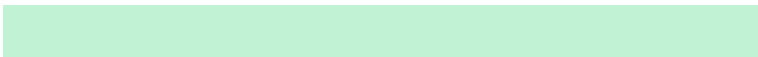
The Inverse Universe completely reimagines the original color for something new.



61.5920, 0.3481, 0.3237



63.9344, 0.3578, 0.3225



79.7614, 0.2995, 0.3622



15.7857, 0.3277, 0.3266



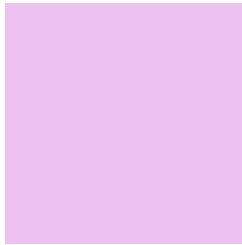
10.1888, 0.6277, 0.3232



0.8565, 0.6021, 0.3091

Previews

White Background



This preview shows how the Yxy color 62.9989, 0.3112, 0.2791 looks on a white background.

Color Contrast Check

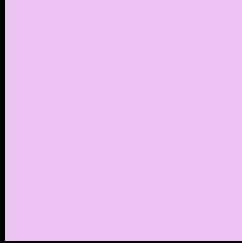
Large Text (above 18pt) WCAG AA × Fail

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 62.9989, 0.3112, 0.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

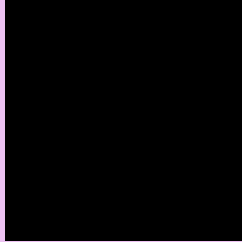
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.9989, 0.3112, 0.2791

Background



This preview shows how black text looks on a background with the Yxy color 62.9989, 0.3112, 0.2791.

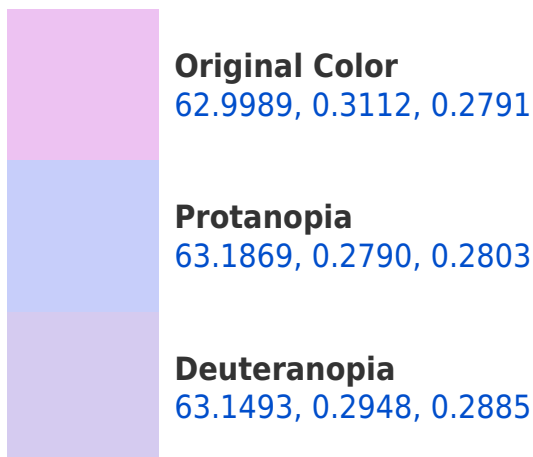


This preview shows how white text looks on a background with the Yxy color 62.9989, 0.3112, 0.2791.

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





Tritanopia

63.0255, 0.3284, 0.3128

Trichromacy



Original Color

62.9989, 0.3112, 0.2791

Protanomaly

63.1026, 0.2902, 0.2802

Deuteranomaly

63.1890, 0.3006, 0.2850

Tritanomaly

62.8067, 0.3219, 0.3001

Monochromacy



Original Color

62.9989, 0.3112, 0.2791

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.3625, 0.3121, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9989, 0.3112, 0.2791 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(237, 194, 242)` looks like.

```
.text, #text, p{  
    color:rgb(237, 194, 242)  
}
```

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(237, 194, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 194, 242) }
```

Border

The CSS property to change the border of an element to Yxy 62.9989, 0.3112, 0.2791 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(237, 194, 242) }
```

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

```
.border{ border-color:rgb(237, 194, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 194, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 194, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 194, 242);  
box-shadow:4px 4px 4px 4px rgb(237, 194,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9989, 0.3112, 0.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 194, 242) }
```

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

```
.background{ background-color: rgb(237,  
194, 242) }
```

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