

Converting Colors

$Yxy(62.1541, 0.3139, 0.2970)$

Have a look what the booklet for
Yxy(62.1541, 0.3139, 0.2970)
contains.

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Color

Yxy(62.2651, 0.3142, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	E3C6E3
RGB	227, 198, 227
RGB Percent	89%, 78%, 89%
CMY	0.1098, 0.2235, 0.1098
CMYK	0.00, 0.13, 0.00, 0.11
HSL	300°, 34%, 83%
HSV	300°, 13%, 89%
XYZ	65.7382, 62.2651, 81.2208
YIQ	209.9770, 7.9750, 15.1670

Conversions

Conversions Part 2

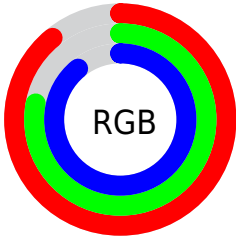
Format	Color
R _Y B	227, 198, 227
Decimal	14927587
CIE Lab	83.05, 15.22, -10.60
CIE LCh	83, 18.548, 325.142
Yxy	62.2651, 0.3142, 0.2976
Android (android.graphics.Color)	4293117667 (0xFFE3C6E3)
YUV	209.9770, 8.3923, 14.9292
Hunter-Lab	78.9082, 10.6184, -5.7918

Details

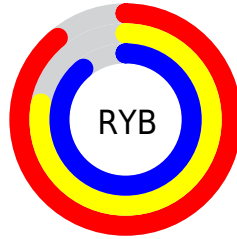
The Yxy color **62.2651, 0.3142, 0.2976** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.0265, 0.3111, 0.3625**, and the grayscale version is **64.3747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.5830, 0.3135, 0.2894** is the 20% darker color. If you saturate the color by 10%, you get **52.6553, 0.3154, 0.2725**, and if you desaturate by 10%, it is **73.4355, 0.3130, 0.3223**.

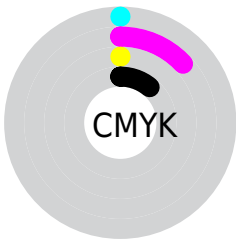
Distribution



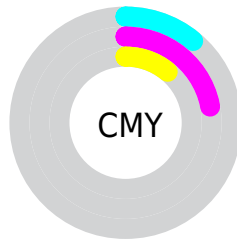
- Red (89%)
- Green (78%)
- Blue (89%)



- Red (89%)
- Yellow (78%)
- Blue (89%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)





- Cyan (11%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2651, 0.3142, 0.2976 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 62.2651, 0.3142, 0.2976 by changing the saturation by 10% instead.


 62.2651, 0.3142,
0.2976

 62.2651, 0.3142,
0.2976


432.8974, 0.3137,
0.3122

 45.2469, 0.3143,
0.2943


108.1086, 0.3140,
0.3027

 31.6520, 0.3144,
0.2901


137.7027, 0.3140,
0.3046

 21.0958, 0.3145,
0.2849


172.2576, 0.3139,
0.3063

 13.1941, 0.3145,
0.2780

212.1576, 0.3138,
0.3078

 7.5623, 0.3145,
0.2686

257.7873, 0.3138,
0.3091

 3.8162, 0.3143,
0.2551

309.5308, 0.3137,

 1.5713, 0.3135,

0.3102

0.2338

367.7728, 0.3137,
0.3113

0.3381, 0.3226,
0.1574

0.0000, 0.0000,
0.0000

62.2651, 0.3142,
0.2976

62.2651, 0.3142,
0.2976

52.6553, 0.3154,
0.2725

73.4355, 0.3130,
0.3223

44.5291, 0.3166,
0.2479

86.2232, 0.3119,
0.3460

37.8151, 0.3177,
0.2245

93.3996, 0.3114,
0.3577

32.4327, 0.3187,
0.2034

93.4002, 0.3114,
0.3576

■ 28.2933, 0.3195,
0.1855

■ 93.4008, 0.3113,
0.3576

■ 25.2976, 0.3202,
0.1714

■ 93.4014, 0.3113,
0.3576

■ 23.3311, 0.3207,
0.1617

■ 93.4020, 0.3113,
0.3576

■ 22.2554, 0.3209,
0.1562

■ 93.4026, 0.3113,
0.3576

■ 21.8725, 0.3210,
0.1542

■ 93.4032, 0.3113,
0.3576

Harmonies

Analogous

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



62.2651, 0.2913, 0.2901



62.2651, 0.3142, 0.2976



62.2651, 0.3374, 0.3126

Triad

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



62.2651, 0.3142, 0.2976



62.2651, 0.3516, 0.3659



62.2651, 0.2728, 0.3237

Complementary

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



62.2651, 0.3142, 0.2976



71.0265, 0.3111, 0.3625

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.



62.2651, 0.2879, 0.3459



62.2651, 0.3142, 0.2976



62.2651, 0.3333, 0.3708

Square

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



62.2651, 0.3142, 0.2976



62.2651, 0.3595, 0.3514



62.2651, 0.3099, 0.3635



62.2651, 0.2681, 0.3041

Rectangle

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



62.2651, 0.3142, 0.2976



62.2651, 0.3498, 0.3253



62.2651, 0.3099, 0.3635



62.2651, 0.2768, 0.3311

Sweetspot

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



62.2678, 0.3142, 0.2976



93.6635, 0.3132, 0.3193



57.9428, 0.2924, 0.2954



19.8010, 0.3133, 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.



62.2678, 0.3142, 0.2976



77.9757, 0.3145, 0.2918



61.5011, 0.3249, 0.3131



14.6151, 0.3138, 0.3059



12.7552, 0.3210, 0.1542



0.9426, 0.3210, 0.1542

Inverse Universe

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



62.2678, 0.3142, 0.2976



77.9757, 0.3145, 0.2918



71.7275, 0.3021, 0.3455



14.6151, 0.3138, 0.3059



12.7552, 0.3210, 0.1542



0.9426, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 62.2651, 0.3142, 0.2976 looks on a white background.

Color Contrast Check

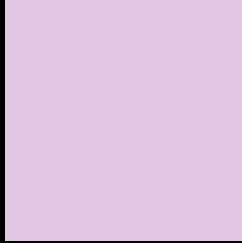
Large Text (above 18pt) WCAG AA × Fail

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 62.2651, 0.3142, 0.2976 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 62.2651, 0.3142, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 62.2651, 0.3142, 0.2976.



This preview shows how white text looks on a background with the Yxy color 62.2651, 0.3142, 0.2976.

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

62.2651, 0.3142, 0.2976

Protanopia

62.1853, 0.2929, 0.2985

Deuteranopia

62.1697, 0.3079, 0.3014



Tritanopia

62.2740, 0.3205, 0.3114

Trichromacy



Original Color

62.2651, 0.3142, 0.2976

Protanomaly

61.9513, 0.3007, 0.2978

Deuteranomaly

62.1717, 0.3102, 0.3004

Tritanomaly

62.1829, 0.3184, 0.3060

Monochromacy



Original Color

62.2651, 0.3142, 0.2976

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.6994, 0.3132, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2651, 0.3142, 0.2976 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(227, 198, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 198, 227)  
}
```

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(227, 198, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 198, 227) }
```

Border

The CSS property to change the border of an element to Yxy 62.2651, 0.3142, 0.2976 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(227, 198, 227) }
```

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

```
.border{ border-color:rgb(227, 198, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 198, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 198, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 198, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 198,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2651, 0.3142, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 198, 227) }
```

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

```
.background{ background-color: rgb(227,  
198, 227) }
```

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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