

Converting Colors

$Yxy(62.4742, 0.3105, 0.2952)$

Have a look what the booklet for
Yxy(62.4742, 0.3105, 0.2952)
contains.

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Color

Yxy(62.5676, 0.3105, 0.2954)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E1C7E6 |
| RGB | 225, 199, 230 |
| RGB Percent | 88%, 78%, 90% |
| CMY | 0.1175, 0.2196, 0.0980 |
| CMYK | 0.02, 0.13, 0.00, 0.10 |
| HSL | 290°, 38%, 84% |
| HSV | 290°, 13%, 90% |
| XYZ | 65.7659, 62.5676, 83.4729 |
| YIQ | 210.3080, 5.5450, 15.1530 |

Conversions

Conversions Part 2

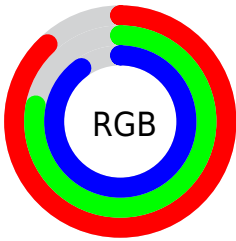
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 225, 199, 230 |
| Decimal | 14796774 |
| CIE Lab | 83.21, 14.59, -11.99 |
| CIE LCh | 83, 18.883, 320.599 |
| Yxy | 62.5676, 0.3105, 0.2954 |
| Android (android.graphics.Color) | 4292986854 (0xFFE1C7E6) |
| YUV | 210.3080, 9.7082, 12.8849 |
| Hunter-Lab | 79.0997, 9.9859, -7.1982 |

Details

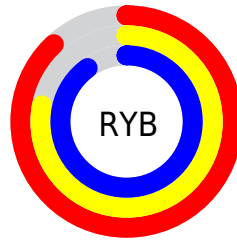
The Yxy color **62.5676, 0.3105, 0.2954** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.5483, 0.3145, 0.3642**, and the grayscale version is **64.5979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.8528, 0.3106, 0.2881** is the 20% darker color. If you saturate the color by 10%, you get **52.1891, 0.3084, 0.2694**, and if you desaturate by 10%, it is **74.5638, 0.3122, 0.3205**.

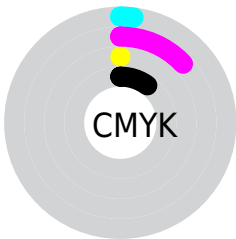
Distribution



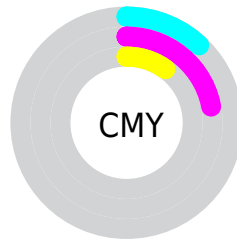
- Red (88%)
- Green (78%)
- Blue (90%)



- Red (88%)
- Yellow (78%)
- Blue (90%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)





- Cyan (12%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5676, 0.3105, 0.2954 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 62.5676, 0.3105, 0.2954 by changing the saturation by 10% instead.


 62.5676, 0.3105,
0.2954

 62.5676, 0.3105,
0.2954


433.9985, 0.3117,
0.3110

 45.4915, 0.3102,
0.2918


108.5455, 0.3110,
0.3008

 31.8447, 0.3097,
0.2874


138.2160, 0.3111,
0.3029

 21.2429, 0.3092,
0.2819


172.8534, 0.3113,
0.3047

 13.3017, 0.3083,
0.2746

212.8422, 0.3114,
0.3063

 7.6366, 0.3071,
0.2646

258.5667, 0.3115,
0.3077

 3.8633, 0.3050,
0.2503

310.4114, 0.3116,

 1.5974, 0.3011,

0.3089

0.2280

368.7605, 0.3117,
0.3100

0.3558, 0.3019,
0.1547

0.0000, 0.0000,
0.0000

62.5676, 0.3105,
0.2954

62.5676, 0.3105,
0.2954

52.1891, 0.3084,
0.2694

74.5638, 0.3122,
0.3205

43.3485, 0.3058,
0.2433


88.2366, 0.3135,
0.3444

35.9716, 0.3027,
0.2178

95.0801, 0.3153,
0.3541


29.9744, 0.2993,
0.1941


95.7171, 0.3176,
0.3539


 25.2648, 0.2955,
0.1733

 96.3671, 0.3200,
0.3538


 21.7391, 0.2914,
0.1561


 97.0303, 0.3223,
0.3536


 19.2776, 0.2871,
0.1434

 97.7068, 0.3247,
0.3534

 17.7348, 0.2829,
0.1352

 98.3965, 0.3270,
0.3532

 17.0750, 0.2802,
0.1317

 98.4932, 0.3274,
0.3532

Harmonies

Analogous

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



62.5676, 0.2879, 0.2892



62.5676, 0.3105, 0.2954



62.5676, 0.3345, 0.3097

Triad

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



62.5676, 0.3105, 0.2954



62.5676, 0.3542, 0.3647



62.5676, 0.2738, 0.3270

Complementary

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



62.5676, 0.3105, 0.2954



73.5483, 0.3145, 0.3642

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.



62.5676, 0.2905, 0.3493



62.5676, 0.3105, 0.2954



62.5676, 0.3369, 0.3715

Square

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



62.5676, 0.3105, 0.2954



62.5676, 0.3603, 0.3489



62.5676, 0.3135, 0.3660



62.5676, 0.2673, 0.3063

Rectangle

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



62.5676, 0.3105, 0.2954



62.5676, 0.3479, 0.3222



62.5676, 0.3135, 0.3660



62.5676, 0.2784, 0.3346

Sweetspot

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



62.5703, 0.3105, 0.2954



93.3555, 0.3121, 0.3192



61.1165, 0.2913, 0.2994



19.7227, 0.3120, 0.3173



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.



62.5703, 0.3105, 0.2954



75.4568, 0.3100, 0.2887



62.8162, 0.3218, 0.3066



14.4923, 0.3112, 0.3057



9.7117, 0.2808, 0.1321



0.7491, 0.2870, 0.1355

Inverse Universe

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



62.0242, 0.3336, 0.3236



74.6605, 0.3384, 0.3225



73.3548, 0.3046, 0.3525



14.4054, 0.3267, 0.3253



9.6108, 0.6167, 0.3171



0.7217, 0.5800, 0.2969

Previews

White Background



This preview shows how the Yxy color 62.5676, 0.3105, 0.2954 looks on a white background.

Color Contrast Check

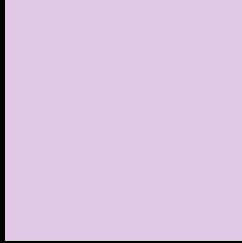
Large Text (above 18pt) WCAG AA × Fail

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 62.5676, 0.3105, 0.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

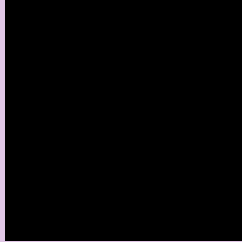
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5676, 0.3105, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 62.5676, 0.3105, 0.2954.



This preview shows how white text looks on a background with the Yxy color 62.5676, 0.3105, 0.2954.

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

62.5676, 0.3105, 0.2954

Protanopia

62.7796, 0.2916, 0.2975

Deuteranopia

62.6499, 0.3051, 0.2992



Tritanopia

62.4710, 0.3182, 0.3113

Trichromacy



Original Color

62.5676, 0.3105, 0.2954

Protanomaly

62.4439, 0.2980, 0.2957

Deuteranomaly

62.6461, 0.3073, 0.2983

Tritanomaly

62.4298, 0.3154, 0.3049

Monochromacy



Original Color

62.5676, 0.3105, 0.2954

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.5994, 0.3118, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5676, 0.3105, 0.2954 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(225, 199, 230)` looks like.

```
.text, #text, p{  
    color:rgb(225, 199, 230)  
}
```

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(225, 199, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 199, 230) }
```

Border

The CSS property to change the border of an element to Yxy 62.5676, 0.3105, 0.2954 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(225, 199, 230) }
```

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

```
.border{ border-color:rgb(225, 199, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 199, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 199, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 199, 230);  
box-shadow:4px 4px 4px 4px rgb(225, 199,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5676, 0.3105, 0.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 199, 230) }
```

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

```
.background{ background-color: rgb(225,  
199, 230) }
```

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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