

Converting Colors

Yxy(61.5489, 0.3176, 0.2981)

Have a look what the booklet for
Yxy(61.5489, 0.3176, 0.2981)
contains.

Yxy(61.5741, 0.3173, 0.2976)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.5741, 0.3173, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	E5C4E1
RGB	229, 196, 225
RGB Percent	90%, 77%, 88%
CMY	0.1019, 0.2314, 0.1175
CMYK	0.00, 0.14, 0.02, 0.10
HSL	307°, 39%, 83%
HSV	307°, 14%, 90%
XYZ	65.6501, 61.5741, 79.6780
YIQ	209.1730, 10.3590, 16.0150

Conversions

Conversions Part 2

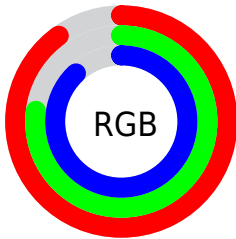
Format	Color
R _Y B	229, 196, 225
Decimal	15058145
CIE Lab	82.69, 16.61, -10.08
CIE LCh	83, 19.427, 328.746
Yxy	61.5741, 0.3173, 0.2976
Android (android.graphics.Color)	4293248225 (0xFFE5C4E1)
YUV	209.1730, 7.8027, 17.3883
Hunter-Lab	78.4692, 12.0184, -5.2750

Details

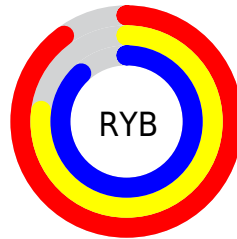
The Yxy color **61.5741, 0.3173, 0.2976** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.9524, 0.3084, 0.3626**, and the grayscale version is **63.8255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **31.1325, 0.3177, 0.2895** is the 20% darker color. If you saturate the color by 10%, you get **51.8722, 0.3210, 0.2752**, and if you desaturate by 10%, it is **72.8607, 0.3140, 0.3196**.

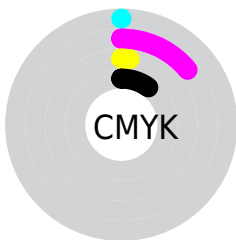
Distribution



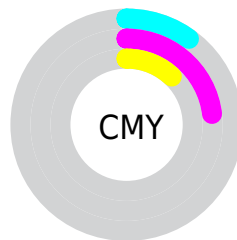
- Red (90%)
- Green (77%)
- Blue (88%)



- Red (90%)
- Yellow (77%)
- Blue (88%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (10%)



- Cyan (10%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5741, 0.3173, 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 61.5741, 0.3173, 0.2976 by changing the saturation by 10% instead.

61.5741, 0.3173,
0.2976

61.5741, 0.3173,
0.2976

430.3758, 0.3153,
0.3122

44.6887, 0.3177,
0.2943

107.1097, 0.3166,
0.3027

31.2123, 0.3183,
0.2901

136.5287, 0.3164,
0.3046

20.7605, 0.3189,
0.2848

170.8944, 0.3161,
0.3063

12.9491, 0.3197,
0.2779

210.5910, 0.3159,
0.3078

7.3935, 0.3207,
0.2685

256.0031, 0.3157,
0.3091

3.7094, 0.3220,
0.2548


307.5150, 0.3156,

1.5124, 0.3236,


0.3103


0.2333

365.5111, 0.3154,
0.3113

 0.2974, 0.3414,
0.1476

 0.0000, 0.0000,
0.0000

 61.5741, 0.3173,
0.2976


 61.5741, 0.3173,
0.2976


 51.8722, 0.3210,
0.2752


 72.8607, 0.3140,
0.3196


 43.6757, 0.3250,
0.2530

 85.7906, 0.3112,
0.3406

 36.9106, 0.3294,
0.2319

 94.0826, 0.3090,
0.3510

 31.4932, 0.3341,
0.2128

 94.2423, 0.3075,
0.3481

27.3314, 0.3388,
0.1967

94.4044, 0.3059,
0.3453

24.3216, 0.3435,
0.1844

94.5690, 0.3044,
0.3425

22.3434, 0.3480,
0.1766

94.7362, 0.3028,
0.3396

21.2500, 0.3522,
0.1731

94.9059, 0.3013,
0.3368

20.8944, 0.3544,
0.1726

95.0781, 0.2998,
0.3340

Harmonies

Analogous

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



61.5741, 0.2929, 0.2887



61.5741, 0.3173, 0.2976



61.5741, 0.3413, 0.3141

Triad

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



61.5741, 0.3173, 0.2976



61.5741, 0.3517, 0.3690



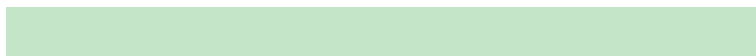
61.5741, 0.2696, 0.3206

Complementary

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



61.5741, 0.3173, 0.2976



71.9524, 0.3084, 0.3626

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.



61.5741, 0.2842, 0.3440



61.5741, 0.3173, 0.2976



61.5741, 0.3315, 0.3728

Square

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



61.5741, 0.3173, 0.2976



61.5741, 0.3616, 0.3546



61.5741, 0.3067, 0.3636



61.5741, 0.2661, 0.3008

Rectangle

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



61.5741, 0.3173, 0.2976



61.5741, 0.3535, 0.3276



61.5741, 0.3067, 0.3636



61.5741, 0.2733, 0.3283

Sweetspot

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



61.5768, 0.3173, 0.2976



93.5848, 0.3139, 0.3204



57.3949, 0.2924, 0.2910



19.7809, 0.3141, 0.3188



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.



61.5768, 0.3173, 0.2976



75.0595, 0.3182, 0.2916



60.7254, 0.3296, 0.3151



14.5837, 0.3156, 0.3086



11.9565, 0.3538, 0.1723



0.8920, 0.3484, 0.1693

Inverse Universe

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



61.5768, 0.3173, 0.2976



75.0595, 0.3182, 0.2916



72.7594, 0.2984, 0.3434



14.5837, 0.3156, 0.3086



11.9565, 0.3538, 0.1723



0.8920, 0.3484, 0.1693

Previews

White Background



This preview shows how the Yxy color 61.5741, 0.3173, 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 61.5741, 0.3173, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

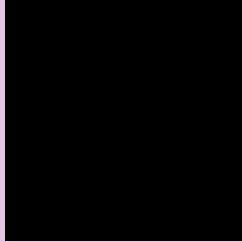
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5741, 0.3173, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 61.5741, 0.3173, 0.2976.



This preview shows how white text looks on a background with the Yxy color 61.5741, 0.3173, 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

61.5741, 0.3173, 0.2976

Protanopia

61.9324, 0.2935, 0.3006

Deuteranopia

61.5958, 0.3094, 0.3024



Tritanopia

61.5232, 0.3245, 0.3125

Trichromacy



Original Color

61.5741, 0.3173, 0.2976

Protanomaly

61.8395, 0.3021, 0.2999

Deuteranomaly

61.7583, 0.3125, 0.3015

Tritanomaly

61.4362, 0.3224, 0.3071

Monochromacy



Original Color

61.5741, 0.3173, 0.2976

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.6910, 0.3141, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5741, 0.3173, 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(229, 196, 225)` looks like.

```
.text, #text, p{  
    color:rgb(229, 196, 225)  
}
```

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(229, 196, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 196, 225) }
```

Border

The CSS property to change the border of an element to Yxy 61.5741, 0.3173, 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(229, 196, 225) }
```

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

```
.border{ border-color:rgb(229, 196, 225) }
```

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

Here you see how a box with a 4 pixel rgb(229, 196, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 196, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 196, 225);  
box-shadow:4px 4px 4px 4px rgb(229, 196,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5741, 0.3173, 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(229, 196, 225) }
```

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

```
.background{ background-color: rgb(229,  
196, 225) }
```

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