

Converting Colors

Yxy(61.6903, 0.3155, 0.2888)

Have a look what the booklet for
Yxy(61.6903, 0.3155, 0.2888)
contains.

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Color

Yxy(61.7334, 0.3154, 0.2886)

Conversions

Conversions Part 1

Format	Color
Hex	E9C2E8
RGB	233, 194, 232
RGB Percent	91%, 76%, 91%
CMY	0.0862, 0.2392, 0.0902
CMYK	0.00, 0.17, 0.00, 0.09
HSL	302°, 47%, 84%
HSV	302°, 17%, 91%
XYZ	67.4661, 61.7334, 84.7070
YIQ	209.9930, 11.0460, 20.0860

Conversions

Conversions Part 2

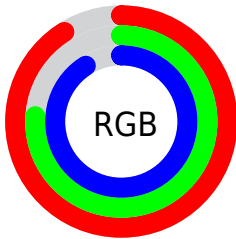
Format	Color
R _Y B	233, 194, 232
Decimal	15319784
CIE Lab	82.77, 20.28, -13.65
CIE LCh	83, 24.444, 326.060
Yxy	61.7334, 0.3154, 0.2886
Android (android.graphics.Color)	4293509864 (0xFFE9C2E8)
YUV	209.9930, 10.8495, 20.1771
Hunter-Lab	78.5706, 15.7737, -8.9211

Details

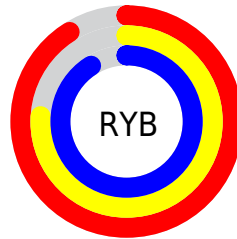
The Yxy color **61.7334, 0.3154, 0.2886** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.6980, 0.3100, 0.3730**, and the grayscale version is **64.3687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **31.2379, 0.3161, 0.2793** is the 20% darker color. If you saturate the color by 10%, you get **52.1302, 0.3171, 0.2641**, and if you desaturate by 10%, it is **72.9683, 0.3138, 0.3130**.

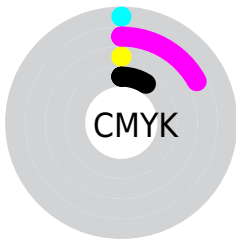
Distribution



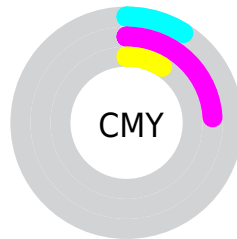
- Red (91%)
- Green (76%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7334, 0.3154, 0.2886 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 61.7334, 0.3154, 0.2886 by changing the saturation by 10% instead.


 61.7334, 0.3154,
0.2886

 61.7334, 0.3154,
0.2886

430.9580, 0.3144,
0.3072

 44.8173, 0.3156,
0.2844

 107.3401, 0.3151,
0.2950

 31.3136, 0.3158,
0.2792


136.7996, 0.3150,
0.2976

 20.8377, 0.3159,
0.2726


171.2089, 0.3148,
0.2997

 13.0054, 0.3161,
0.2640

210.9525, 0.3147,
0.3016

 7.4323, 0.3162,
0.2524

256.4149, 0.3146,
0.3033

 3.7339, 0.3160,
0.2358


307.9803, 0.3145,

 1.5258, 0.3149,

0.3047

0.2103


366.0332, 0.3145,
0.3060


 0.3068, 0.3252,
0.1268


 0.0000, 0.0000,
0.0000

 61.7334, 0.3154,
0.2886


 61.7334, 0.3154,
0.2886

 52.1302, 0.3171,
0.2641


 72.9683, 0.3138,
0.3130


 44.0751, 0.3189,
0.2403


 85.8975, 0.3122,
0.3366

 37.4892, 0.3206,
0.2180

 94.7769, 0.3112,
0.3503

 32.2835, 0.3223,
0.1983


 94.8117, 0.3109,
0.3497


 28.3593, 0.3239,
0.1821


 94.8466, 0.3105,
0.3491


 25.6049, 0.3253,
0.1700


 94.8816, 0.3102,
0.3485

 23.8895, 0.3264,
0.1622

 94.9168, 0.3098,
0.3479

 23.0466, 0.3273,
0.1585

 94.9521, 0.3095,
0.3472

 22.8711, 0.3276,
0.1578

 94.9874, 0.3092,
0.3466

Harmonies

Analogous

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



61.7334, 0.2852, 0.2785



61.7334, 0.3154, 0.2886



61.7334, 0.3462, 0.3082

Triad

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



61.7334, 0.3154, 0.2886



61.7334, 0.3634, 0.3778



61.7334, 0.2600, 0.3206

Complementary

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



61.7334, 0.3154, 0.2886



73.6980, 0.3100, 0.3730

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.



61.7334, 0.2791, 0.3505



61.7334, 0.3154, 0.2886



61.7334, 0.3386, 0.3846

Square

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



61.7334, 0.3154, 0.2886



61.7334, 0.3746, 0.3585



61.7334, 0.3077, 0.3747



61.7334, 0.2544, 0.2952

Rectangle

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



61.7334, 0.3154, 0.2886



61.7334, 0.3624, 0.3246



61.7334, 0.3077, 0.3747



61.7334, 0.2650, 0.3305

Sweetspot

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



61.7361, 0.3154, 0.2886



92.1119, 0.3135, 0.3171



56.0225, 0.2858, 0.2838



19.4876, 0.3136, 0.3154



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.



61.7361, 0.3154, 0.2886



71.5808, 0.3160, 0.2804



60.7065, 0.3298, 0.3085



15.3066, 0.3142, 0.3064



12.9783, 0.3275, 0.1578



1.0213, 0.3265, 0.1572

Inverse Universe

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



61.7361, 0.3154, 0.2886



71.5808, 0.3160, 0.2804



74.6205, 0.2984, 0.3504



15.3066, 0.3142, 0.3064



12.9783, 0.3275, 0.1578



1.0213, 0.3265, 0.1572

Previews

White Background



This preview shows how the Yxy color 61.7334, 0.3154, 0.2886 looks on a white background.

Color Contrast Check

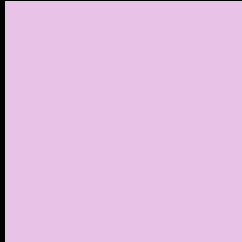
Large Text (above 18pt) WCAG AA × Fail

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 61.7334, 0.3154, 0.2886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

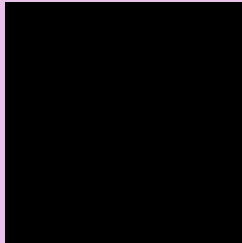
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7334, 0.3154, 0.2886

Background



This preview shows how black text looks on a background with the Yxy color 61.7334, 0.3154, 0.2886.



This preview shows how white text looks on a background with the Yxy color 61.7334, 0.3154, 0.2886.

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

61.7334, 0.3154, 0.2886

Protanopia

62.1740, 0.2863, 0.2908

Deuteranopia

61.9899, 0.3022, 0.2958



Tritanopia

61.5596, 0.3270, 0.3115

Trichromacy



Original Color

61.7334, 0.3154, 0.2886

Protanomaly

61.8265, 0.2967, 0.2903

Deuteranomaly

61.6873, 0.3075, 0.2930

Tritanomaly

61.6361, 0.3226, 0.3030

Monochromacy



Original Color

61.7334, 0.3154, 0.2886

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.1531, 0.3134, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7334, 0.3154, 0.2886 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(233, 194, 232)` looks like.

```
.text, #text, p{  
    color:rgb(233, 194, 232)  
}
```

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(233, 194, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 194, 232) }
```

Border

The CSS property to change the border of an element to Yxy 61.7334, 0.3154, 0.2886 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(233, 194, 232) }
```

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

```
.border{ border-color:rgb(233, 194, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 194, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 194, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 194, 232);  
box-shadow:4px 4px 4px 4px rgb(233, 194,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7334, 0.3154, 0.2886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 194, 232) }
```

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

```
.background{ background-color: rgb(233,  
194, 232) }
```

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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