

Converting Colors

Yxy(63.9560, 0.3157, 0.2896)

Have a look what the booklet for
Yxy(63.9560, 0.3157, 0.2896)
contains.

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Color

Yxy(63.7635, 0.3154, 0.2891)

Conversions

Conversions Part 1

Format	Color
Hex	ECC5EB
RGB	236, 197, 235
RGB Percent	93%, 77%, 92%
CMY	0.0743, 0.2275, 0.0785
CMYK	0.00, 0.17, 0.00, 0.07
HSL	302°, 51%, 85%
HSV	302°, 17%, 93%
XYZ	69.5642, 63.7635, 87.2309
YIQ	212.9930, 11.0460, 20.0860

Conversions

Conversions Part 2

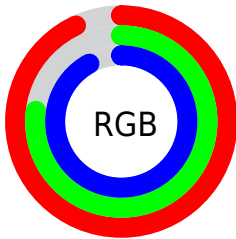
Format	Color
R _Y B	236, 197, 235
Decimal	15517163
CIE Lab	83.84, 20.24, -13.61
CIE LCh	84, 24.389, 326.081
Yxy	63.7635, 0.3154, 0.2891
Android (android.graphics.Color)	4293707243 (0xFFECC5EB)
YUV	212.9930, 10.8495, 20.1771
Hunter-Lab	79.8521, 15.7616, -8.8724

Details

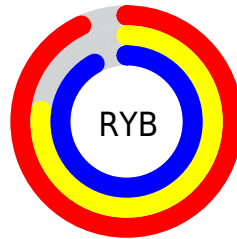
The Yxy color $63.7635, 0.3154, 0.2891$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $75.9671, 0.3100, 0.3724$, and the grayscale version is $66.4593, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3636, 0.3128, 0.3281$, and $32.6029, 0.3160, 0.2801$ is the 20% darker color. If you saturate the color by 10%, you get $53.8366, 0.3171, 0.2646$, and if you desaturate by 10%, it is $75.3744, 0.3137, 0.3135$.

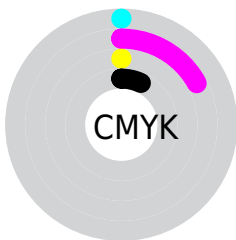
Distribution



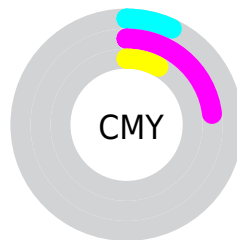
- Red (93%)
- Green (77%)
- Blue (92%)



- Red (93%)
- Yellow (77%)
- Blue (92%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)





- Cyan (7%)
- Magenta (23%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.7635, 0.3154, 0.2891 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 63.7635, 0.3154, 0.2891 by changing the saturation by 10% instead.

 63.7635, 0.3154,
0.2891

 63.7635, 0.3154,
0.2891


438.3351, 0.3144,
0.3074

 46.4592, 0.3156,
0.2850

110.2703, 0.3151,
0.2954

 32.6083, 0.3158,
0.2799


140.2415, 0.3150,
0.2979

 21.8265, 0.3160,
0.2735


175.2038, 0.3148,
0.3000

 13.7295, 0.3161,
0.2652

215.5415, 0.3147,
0.3019

 7.9328, 0.3162,
0.2540

261.6391, 0.3146,
0.3035

 4.0520, 0.3161,
0.2381

313.8810, 0.3145,

 1.7027, 0.3152,

0.3049

0.2139

372.6515, 0.3145,
0.3062

0.4254, 0.3198,
0.1512

0.0000, 0.0000,
0.0000

63.7635, 0.3154,
0.2891

63.7635, 0.3154,
0.2891

53.8366, 0.3171,
0.2646

75.3744, 0.3137,
0.3135

45.5075, 0.3189,
0.2407

88.7339, 0.3122,
0.3370

38.6949, 0.3207,
0.2185


95.4703, 0.3113,
0.3471

33.3072, 0.3225,
0.1987

95.5077, 0.3110,
0.3464

 29.2427, 0.3240,
0.1824


 95.5452, 0.3106,
0.3458


 26.3863, 0.3255,
0.1703


 95.5829, 0.3102,
0.3451

 24.6034, 0.3266,
0.1624

 95.6207, 0.3099,
0.3445

 23.7245, 0.3276,
0.1587

 95.6586, 0.3095,
0.3438

 23.5352, 0.3279,
0.1580

 95.6967, 0.3092,
0.3432

Harmonies

Analogous

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



63.7635, 0.2856, 0.2791



63.7635, 0.3154, 0.2891



63.7635, 0.3458, 0.3085

Triad

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



63.7635, 0.3154, 0.2891



63.7635, 0.3627, 0.3772



63.7635, 0.2606, 0.3207

Complementary

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



63.7635, 0.3154, 0.2891



75.9671, 0.3100, 0.3724

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.



63.7635, 0.2795, 0.3502



63.7635, 0.3154, 0.2891



63.7635, 0.3383, 0.3839

Square

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



63.7635, 0.3154, 0.2891



63.7635, 0.3738, 0.3582



63.7635, 0.3077, 0.3741



63.7635, 0.2551, 0.2956

Rectangle

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



63.7635, 0.3154, 0.2891



63.7635, 0.3618, 0.3247



63.7635, 0.3077, 0.3741



63.7635, 0.2656, 0.3305

Sweetspot

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



63.7663, 0.3154, 0.2891



92.1110, 0.3135, 0.3171



57.9432, 0.2862, 0.2844



19.4874, 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.



63.7663, 0.3154, 0.2891



71.5771, 0.3160, 0.2804



62.7196, 0.3296, 0.3088



15.3063, 0.3142, 0.3064



12.9703, 0.3278, 0.1579



1.0207, 0.3268, 0.1574

Inverse Universe

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



63.7663, 0.3154, 0.2891



71.5771, 0.3160, 0.2804



76.9064, 0.2986, 0.3502



15.3063, 0.3142, 0.3064



12.9703, 0.3278, 0.1579



1.0207, 0.3268, 0.1574

Previews

White Background



This preview shows how the Yxy color 63.7635, 0.3154, 0.2891 looks on a white background.

Color Contrast Check

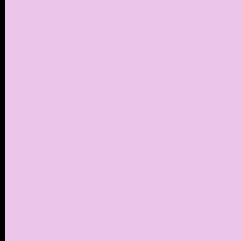
Large Text (above 18pt) WCAG AA × Fail

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 63.7635, 0.3154, 0.2891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

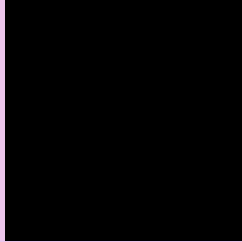
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.7635, 0.3154, 0.2891

Background



This preview shows how black text looks on a background with the Yxy color 63.7635, 0.3154, 0.2891.



This preview shows how white text looks on a background with the Yxy color 63.7635, 0.3154, 0.2891.

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

63.7635, 0.3154, 0.2891

Protanopia

64.2191, 0.2867, 0.2912

Deuteranopia

64.0317, 0.3024, 0.2962



Tritanopia

63.5901, 0.3268, 0.3118

Trichromacy



Original Color

63.7635, 0.3154, 0.2891

Protanomaly

63.8648, 0.2969, 0.2908

Deuteranomaly

63.7214, 0.3076, 0.2935

Tritanomaly

63.6670, 0.3225, 0.3034

Monochromacy



Original Color

63.7635, 0.3154, 0.2891

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.2183, 0.3134, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7635, 0.3154, 0.2891 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(236, 197, 235)` looks like.

```
.text, #text, p{  
    color:rgb(236, 197, 235)  
}
```

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(236, 197, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 197, 235) }
```

Border

The CSS property to change the border of an element to Yxy 63.7635, 0.3154, 0.2891 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(236, 197, 235) }
```

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

```
.border{ border-color:rgb(236, 197, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 197, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 197, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 197, 235);  
box-shadow:4px 4px 4px 4px rgb(236, 197,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7635, 0.3154, 0.2891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 197, 235) }
```

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

```
.background{ background-color: rgb(236,  
197, 235) }
```

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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