

Converting Colors

Yxy(63.6561, 0.3156, 0.2899)

Have a look what the booklet for
Yxy(63.6561, 0.3156, 0.2899)
contains.

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Color

Yxy(63.7059, 0.3161, 0.2901)

Conversions

Conversions Part 1

Format	Color
Hex	ECC5EA
RGB	236, 197, 234
RGB Percent	93%, 77%, 92%
CMY	0.0744, 0.2275, 0.0824
CMYK	0.00, 0.17, 0.01, 0.07
HSL	303°, 51%, 85%
HSV	303°, 17%, 93%
XYZ	69.4155, 63.7059, 86.4784
YIQ	212.8790, 11.3670, 19.7750

Conversions

Conversions Part 2

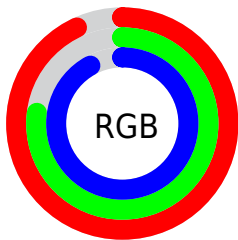
Format	Color
R _{YB}	236, 197, 234
Decimal	15517162
CIE Lab	83.81, 20.05, -13.13
CIE LCh	84, 23.962, 326.785
Yxy	63.7059, 0.3161, 0.2901
Android (android.graphics.Color)	4293707242 (0xFFECC5EA)
YUV	212.8790, 10.4127, 20.2771
Hunter-Lab	79.8160, 15.5625, -8.3679

Details

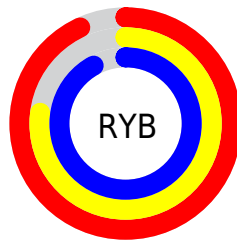
The Yxy color $63.7059, 0.3161, 0.2901$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $76.0004, 0.3094, 0.3712$, and the grayscale version is $66.3810, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3636, 0.3128, 0.3281$, and $32.5626, 0.3170, 0.2814$ is the 20% darker color. If you saturate the color by 10%, you get $53.7460, 0.3184, 0.2661$, and if you desaturate by 10%, it is $75.3499, 0.3140, 0.3139$.

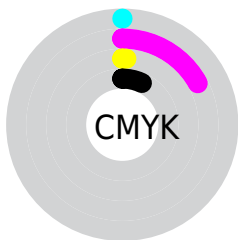
Distribution



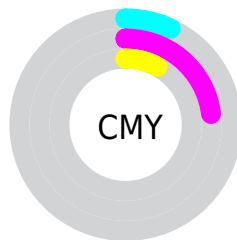
- Red (93%)
- Green (77%)
- Blue (92%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (7%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7059, 0.3161, 0.2901 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 63.7059, 0.3161, 0.2901 by changing the saturation by 10% instead.


 63.7059, 0.3161,
0.2901

 63.7059, 0.3161,
0.2901

438.1268, 0.3147,
0.3080

 46.4125, 0.3164,
0.2861


110.1873, 0.3157,
0.2963

 32.5715, 0.3166,
0.2811


140.1441, 0.3155,
0.2987

 21.7984, 0.3170,
0.2748


175.0907, 0.3153,
0.3007

 13.7088, 0.3173,
0.2667

215.4118, 0.3152,
0.3026

 7.9184, 0.3177,
0.2557

261.4915, 0.3151,
0.3041

 4.0428, 0.3179,
0.2401

313.7143, 0.3150,

 1.6975, 0.3177,

0.3056

0.2163

372.4646, 0.3148,
0.3068

0.4221, 0.3239,
0.1533

0.0000, 0.0000,
0.0000

63.7059, 0.3161,
0.2901

63.7059, 0.3161,
0.2901

53.7460, 0.3184,
0.2661

75.3499, 0.3140,
0.3139

45.3840, 0.3208,
0.2427

88.7425, 0.3121,
0.3368

38.5386, 0.3233,
0.2208

95.5114, 0.3109,
0.3463

33.1182, 0.3257,
0.2014

95.5836, 0.3102,
0.3450

■ 29.0212, 0.3281,
0.1853

■ 95.6562, 0.3095,
0.3438

■ 26.1325, 0.3303,
0.1733

■ 95.7294, 0.3088,
0.3426

■ 24.3176, 0.3323,
0.1657

■ 95.8030, 0.3081,
0.3413

■ 23.4072, 0.3340,
0.1623

■ 95.8772, 0.3074,
0.3401

■ 23.2067, 0.3346,
0.1617

■ 95.9518, 0.3067,
0.3389

Harmonies

Analogous

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



63.7059, 0.2867, 0.2800



63.7059, 0.3161, 0.2901



63.7059, 0.3459, 0.3094

Triad

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



63.7059, 0.3161, 0.2901



63.7059, 0.3614, 0.3767



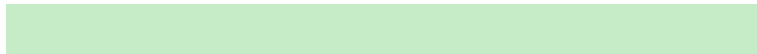
63.7059, 0.2612, 0.3203

Complementary

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



63.7059, 0.3161, 0.2901



76.0004, 0.3094, 0.3712

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.



63.7059, 0.2795, 0.3492



63.7059, 0.3161, 0.2901



63.7059, 0.3372, 0.3829

Square

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



63.7059, 0.3161, 0.2901



63.7059, 0.3727, 0.3583



63.7059, 0.3071, 0.3729



63.7059, 0.2561, 0.2957

Rectangle

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



63.7059, 0.3161, 0.2901



63.7059, 0.3614, 0.3254



63.7059, 0.3071, 0.3729



63.7059, 0.2660, 0.3298

Sweetspot

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



63.7087, 0.3161, 0.2901



92.0906, 0.3137, 0.3174



58.1235, 0.2871, 0.2845



19.4824, 0.3138, 0.3158



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.



63.7087, 0.3161, 0.2901



71.4963, 0.3169, 0.2816



62.6519, 0.3306, 0.3102



15.2995, 0.3146, 0.3070



12.7949, 0.3343, 0.1615



1.0089, 0.3323, 0.1604

Inverse Universe

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



63.7087, 0.3161, 0.2901



71.4963, 0.3169, 0.2816



76.9620, 0.2978, 0.3486



15.2995, 0.3146, 0.3070



12.7949, 0.3343, 0.1615



1.0089, 0.3323, 0.1604

Previews

White Background



This preview shows how the Yxy color 63.7059, 0.3161, 0.2901 looks on a white background.

Color Contrast Check

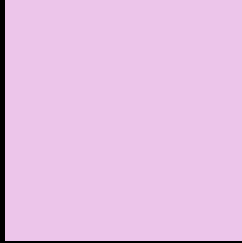
Large Text (above 18pt) WCAG AA × Fail

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 63.7059, 0.3161, 0.2901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

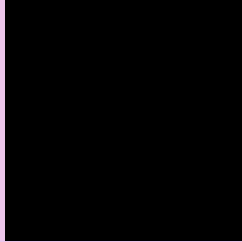
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.7059, 0.3161, 0.2901

Background



This preview shows how black text looks on a background with the Yxy color 63.7059, 0.3161, 0.2901.



This preview shows how white text looks on a background with the Yxy color 63.7059, 0.3161, 0.2901.

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

63.7059, 0.3161, 0.2901

Protanopia

64.1591, 0.2873, 0.2923

Deuteranopia

64.1290, 0.3038, 0.2974



Tritanopia

63.5901, 0.3268, 0.3118

Trichromacy



Original Color

63.7059, 0.3161, 0.2901

Protanomaly

63.8059, 0.2975, 0.2918

Deuteranomaly

63.6640, 0.3083, 0.2945

Tritanomaly

63.6670, 0.3225, 0.3034

Monochromacy



Original Color

63.7059, 0.3161, 0.2901

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 63.7059, 0.3161, 0.2901 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(236, 197, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 197, 234) }
```

Border

The CSS property to change the border of an element to Yxy 63.7059, 0.3161, 0.2901 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, 234) }
```

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

```
.border{ border-color:rgb(236, 197, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 197, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 197, 234);  
box-shadow:4px 4px 4px 4px rgb(236, 197,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7059, 0.3161, 0.2901 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, 234) }
```

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

```
.background{ background-color: rgb(236,  
197, 234) }
```

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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