

Converting Colors

$Y_{xy}(63.1067, 0.3138, 0.2910)$

Have a look what the booklet for
Yxy(63.1067, 0.3138, 0.2910)
contains.

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Color

Yxy(62.9715, 0.3137, 0.2907)

Conversions

Conversions Part 1

Format	Color
Hex	E8C5E9
RGB	232, 197, 233
RGB Percent	91%, 77%, 91%
CMY	0.0903, 0.2274, 0.0861
CMYK	0.00, 0.15, 0.00, 0.09
HSL	298°, 45%, 84%
HSV	298°, 15%, 91%
XYZ	67.9538, 62.9715, 85.6950
YIQ	211.5690, 9.3040, 18.6160

Conversions

Conversions Part 2

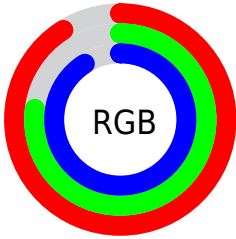
Format	Color
R _Y B	232, 197, 233
Decimal	15255017
CIE Lab	83.43, 18.52, -13.23
CIE LCh	83, 22.762, 324.467
Yxy	62.9715, 0.3137, 0.2907
Android (android.graphics.Color)	4293445097 (0xFFE8C5E9)
YUV	211.5690, 10.5655, 17.9180
Hunter-Lab	79.3546, 13.9845, -8.4790

Details

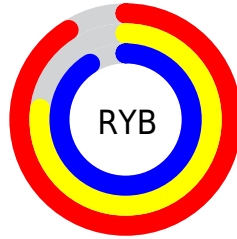
The Yxy color $62.9715, 0.3137, 0.2907$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $74.3478, 0.3115, 0.3703$, and the grayscale version is $65.4633, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3636, 0.3128, 0.3281$, and $32.0494, 0.3139, 0.2821$ is the 20% darker color. If you saturate the color by 10%, you get $53.0818, 0.3143, 0.2654$, and if you desaturate by 10%, it is $74.5031, 0.3131, 0.3157$.

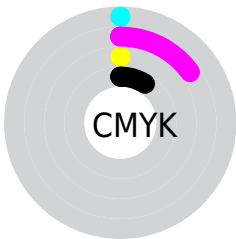
Distribution



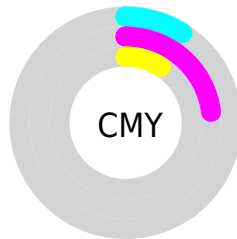
- Red (91%)
- Green (77%)
- Blue (91%)



- Red (91%)
- Yellow (77%)
- Blue (91%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)





- Cyan (9%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9715, 0.3137, 0.2907 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 62.9715, 0.3137, 0.2907 by changing the saturation by 10% instead.


 62.9715, 0.3137,
0.2907

 62.9715, 0.3137,
0.2907


435.4660, 0.3135,
0.3083

 45.8182, 0.3137,
0.2867


109.1284, 0.3137,
0.2968

 32.1023, 0.3137,
0.2818


138.9007, 0.3136,
0.2992

 21.4397, 0.3136,
0.2755


173.6482, 0.3136,
0.3012

 13.4458, 0.3134,
0.2674

213.7552, 0.3136,
0.3030

 7.7362, 0.3130,
0.2565

259.6060, 0.3135,
0.3046

 3.9266, 0.3122,
0.2408


311.5852, 0.3135,

 1.6326, 0.3102,


0.3060


0.2168


370.0771, 0.3135,
0.3072


 0.3794, 0.3150,
0.1470

 0.0000, 0.0000,
0.0000


 62.9715, 0.3137,
0.2907


 62.9715, 0.3137,
0.2907


 53.0818, 0.3143,
0.2654


 74.5031, 0.3131,
0.3157


 44.7508, 0.3147,
0.2407

 87.7384, 0.3124,
0.3398

 37.9006, 0.3150,
0.2174

 94.9042, 0.3123,
0.3511

 32.4431, 0.3151,
0.1965

 95.0202, 0.3127,
0.3511

28.2810, 0.3151,
0.1790

95.1367, 0.3131,
0.3510

25.3046, 0.3148,
0.1655

95.2535, 0.3136,
0.3510

23.3859, 0.3144,
0.1564

95.3709, 0.3140,
0.3510

22.3675, 0.3138,
0.1514

95.4886, 0.3144,
0.3510

22.0876, 0.3135,
0.1501

95.6068, 0.3149,
0.3509

Harmonies

Analogous

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



62.9715, 0.2860, 0.2819



62.9715, 0.3137, 0.2907



62.9715, 0.3423, 0.3086

Triad

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



62.9715, 0.3137, 0.2907



62.9715, 0.3606, 0.3736



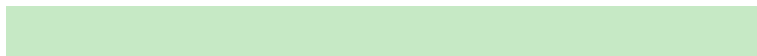
62.9715, 0.2644, 0.3228

Complementary

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



62.9715, 0.3137, 0.2907



74.3478, 0.3115, 0.3703

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.



62.9715, 0.2828, 0.3503



62.9715, 0.3137, 0.2907



62.9715, 0.3382, 0.3804

Square

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



62.9715, 0.3137, 0.2907



62.9715, 0.3700, 0.3554



62.9715, 0.3097, 0.3720



62.9715, 0.2585, 0.2988

Rectangle

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



62.9715, 0.3137, 0.2907



62.9715, 0.3577, 0.3237



62.9715, 0.3097, 0.3720



62.9715, 0.2693, 0.3320

Sweetspot

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



62.9742, 0.3137, 0.2907



92.0623, 0.3130, 0.3168



58.2397, 0.2877, 0.2890



19.4755, 0.3131, 0.3150



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.



62.9742, 0.3137, 0.2907



72.6193, 0.3139, 0.2815



62.2356, 0.3269, 0.3083



15.2899, 0.3133, 0.3058



12.5378, 0.3136, 0.1501



0.9916, 0.3147, 0.1507

Inverse Universe

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



61.3462, 0.3410, 0.3279



70.2206, 0.3491, 0.3277



75.0191, 0.3006, 0.3507



15.0612, 0.3288, 0.3284



9.8414, 0.6369, 0.3282



0.7753, 0.6283, 0.3235

Previews

White Background



This preview shows how the Yxy color 62.9715, 0.3137, 0.2907 looks on a white background.

Color Contrast Check

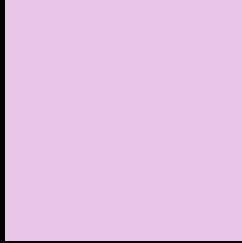
Large Text (above 18pt) WCAG AA × Fail

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 62.9715, 0.3137, 0.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

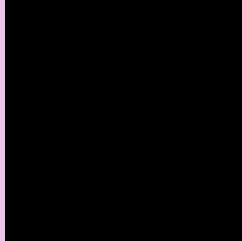
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.9715, 0.3137, 0.2907

Background



This preview shows how black text looks on a background with the Yxy color 62.9715, 0.3137, 0.2907.



This preview shows how white text looks on a background with the Yxy color 62.9715, 0.3137, 0.2907.

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

62.9715, 0.3137, 0.2907

Protanopia

62.9312, 0.2878, 0.2921

Deuteranopia

63.2898, 0.3030, 0.2972



Tritanopia

62.9244, 0.3236, 0.3116

Trichromacy



Original Color

62.9715, 0.3137, 0.2907

Protanomaly

62.9724, 0.2967, 0.2916

Deuteranomaly

63.1291, 0.3067, 0.2953

Tritanomaly

62.9438, 0.3201, 0.3041

Monochromacy



Original Color

62.9715, 0.3137, 0.2907

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.8530, 0.3126, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9715, 0.3137, 0.2907 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(232, 197, 233)` looks like.

```
.text, #text, p{  
    color:rgb(232, 197, 233)  
}
```

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(232, 197, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 197, 233) }
```

Border

The CSS property to change the border of an element to Yxy 62.9715, 0.3137, 0.2907 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(232, 197, 233) }
```

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

```
.border{ border-color:rgb(232, 197, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 197, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 197, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 197, 233);  
box-shadow:4px 4px 4px 4px rgb(232, 197,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9715, 0.3137, 0.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 197, 233) }
```

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

```
.background{ background-color: rgb(232,  
197, 233) }
```

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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