

Converting Colors

$Y_{xy}(60.6600, 0.3093, 0.2810)$

Have a look what the booklet for
Yxy(60.6600, 0.3093, 0.2810)
contains.

| | |
|-------------------------------------------|----|
| Yxy(60.6367, 0.3095, 0.2811) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(60.6367, 0.3095, 0.2811)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E6C0ED |
| RGB | 230, 192, 237 |
| RGB Percent | 90%, 75%, 93% |
| CMY | 0.0981, 0.2470, 0.0706 |
| CMYK | 0.03, 0.19, 0.00, 0.07 |
| HSL | 291°, 56%, 84% |
| HSV | 291°, 19%, 93% |
| XYZ | 66.7629, 60.6367, 88.3126 |
| YIQ | 208.4920, 8.2030, 22.0510 |

Conversions

Conversions Part 2

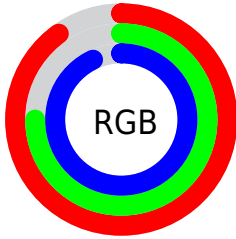
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 230, 192, 237 |
| Decimal | 15122669 |
| CIE Lab | 82.18, 21.26, -17.24 |
| CIE LCh | 82, 27.369, 320.969 |
| Yxy | 60.6367, 0.3095, 0.2811 |
| Android (android.graphics.Color) | 4293312749 (0xFFE6C0ED) |
| YUV | 208.4920, 14.0544, 18.8625 |
| Hunter-Lab | 77.8696, 16.7686, -12.7326 |

Details

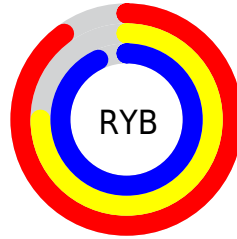
The Yxy color $60.6367, 0.3095, 0.2811$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $76.5297, 0.3149, 0.3803$, and the grayscale version is $63.3158, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $30.5118, 0.3083, 0.2696$ is the 20% darker color. If you saturate the color by 10%, you get $50.4481, 0.3072, 0.2549$, and if you desaturate by 10%, it is $72.5195, 0.3114, 0.3068$.

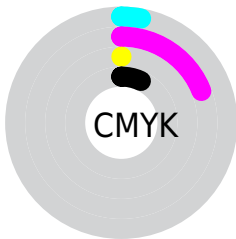
Distribution



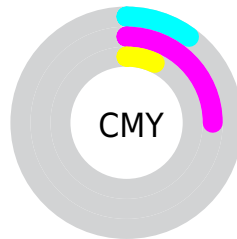
- Red (90%)
- Green (75%)
- Blue (93%)



- Red (90%)
- Yellow (75%)
- Blue (93%)



- Cyan (3%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (10%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6367, 0.3095, 0.2811 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 60.6367, 0.3095, 0.2811 by changing the saturation by 10% instead.


 60.6367, 0.3095,
0.2811

 60.6367, 0.3095,
0.2811

426.9407, 0.3114,
0.3031

 43.9320, 0.3090,
0.2761


 105.7527, 0.3102,
0.2887

 30.6171, 0.3083,
0.2700


134.9329, 0.3105,
0.2917

 20.3074, 0.3073,
0.2622


169.0403, 0.3107,
0.2942

 12.6187, 0.3060,
0.2522

208.4595, 0.3109,
0.2965

 7.1665, 0.3039,
0.2387

253.5747, 0.3110,
0.2984

 3.5665, 0.3004,
0.2195


304.7703, 0.3112,

 1.4341, 0.2938,

0.3002

0.1905


362.4309, 0.3113,
0.3017


 0.2417, 0.2935,
0.0947


 0.0000, 0.0000,
0.0000


 60.6367, 0.3095,
0.2811


 60.6367, 0.3095,
0.2811


 50.4481, 0.3072,
0.2549


 72.5195, 0.3114,
0.3068


 41.8658, 0.3044,
0.2290

 86.1635, 0.3128,
0.3314

 34.8056, 0.3013,
0.2045

 96.3521, 0.3144,
0.3468

 29.1726, 0.2977,
0.1822

 97.0115, 0.3167,
0.3467

■ 24.8612, 0.2938,
0.1634

■ 97.6842, 0.3191,
0.3466

■ 21.7510, 0.2897,
0.1488

■ 98.3703, 0.3214,
0.3464

■ 19.6996, 0.2856,
0.1387

■ 98.8950, 0.3232,
0.3463

■ 18.4905, 0.2815,
0.1327

■ 18.3864, 0.2810,
0.1322

Harmonies

Analogous

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



60.6367, 0.2768, 0.2719



60.6367, 0.3095, 0.2811



60.6367, 0.3449, 0.3014

Triad

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



60.6367, 0.3095, 0.2811



60.6367, 0.3731, 0.3808



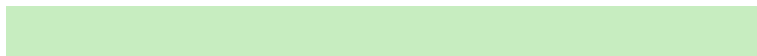
60.6367, 0.2562, 0.3249

Complementary

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



60.6367, 0.3095, 0.2811



76.5297, 0.3149, 0.3803

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.



60.6367, 0.2797, 0.3587



60.6367, 0.3095, 0.2811



60.6367, 0.3471, 0.3918

Square

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



60.6367, 0.3095, 0.2811



60.6367, 0.3827, 0.3572



60.6367, 0.3128, 0.3841



60.6367, 0.2474, 0.2948

Rectangle

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



60.6367, 0.3095, 0.2811



60.6367, 0.3647, 0.3190



60.6367, 0.3128, 0.3841



60.6367, 0.2626, 0.3363

Sweetspot

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



60.6393, 0.3095, 0.2811



90.1727, 0.3118, 0.3142



58.4072, 0.2817, 0.2858



19.0816, 0.3117, 0.3126



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.



60.6393, 0.3095, 0.2811



66.4196, 0.3086, 0.2704



60.9866, 0.3262, 0.2970



15.1876, 0.3113, 0.3056



10.0847, 0.2817, 0.1326



0.8240, 0.2875, 0.1357

Inverse Universe

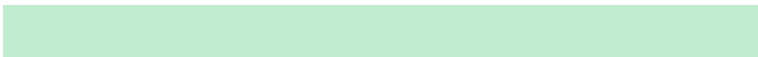
The Inverse Universe completely reimagines the original color for something new.



59.8380, 0.3443, 0.3214



65.3310, 0.3530, 0.3197



76.2881, 0.3014, 0.3633



15.0925, 0.3268, 0.3253



9.9152, 0.6177, 0.3177



0.7902, 0.5834, 0.2988

Previews

White Background



This preview shows how the Yxy color 60.6367, 0.3095, 0.2811 looks on a white background.

Color Contrast Check

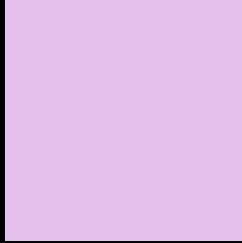
Large Text (above 18pt) WCAG AA × Fail

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 60.6367, 0.3095, 0.2811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

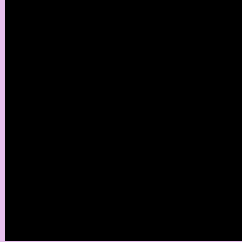
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6367, 0.3095, 0.2811

Background



This preview shows how black text looks on a background with the Yxy color 60.6367, 0.3095, 0.2811.



This preview shows how white text looks on a background with the Yxy color 60.6367, 0.3095, 0.2811.

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

60.6367, 0.3095, 0.2811

Protanopia

60.9793, 0.2804, 0.2828

Deuteranopia

61.0663, 0.2952, 0.2890



Tritanopia

60.4021, 0.3247, 0.3113

Trichromacy



Original Color

60.6367, 0.3095, 0.2811

Protanomaly

60.6076, 0.2904, 0.2825

Deuteranomaly

60.7403, 0.3003, 0.2863

Tritanomaly

60.5816, 0.3188, 0.3006

Monochromacy



Original Color

60.6367, 0.3095, 0.2811

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.9545, 0.3113, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6367, 0.3095, 0.2811 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(230, 192, 237)` looks like.

```
.text, #text, p{  
    color:rgb(230, 192, 237)  
}
```

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(230, 192, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 192, 237) }
```

Border

The CSS property to change the border of an element to Yxy 60.6367, 0.3095, 0.2811 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(230, 192, 237) }
```

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

```
.border{ border-color:rgb(230, 192, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 192, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 192, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 192, 237);  
box-shadow:4px 4px 4px 4px rgb(230, 192,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6367, 0.3095, 0.2811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 192, 237) }
```

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

```
.background{ background-color: rgb(230,  
192, 237) }
```

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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