

Converting Colors

$Y_{xy}(65.7255, 0.3117, 0.2993)$

Have a look what the booklet for
Yxy(65.7255, 0.3117, 0.2993)
contains.

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Color

Yxy(65.6699, 0.3119, 0.2991)

Conversions

Conversions Part 1

Format	Color
Hex	E5CCE8
RGB	229, 204, 232
RGB Percent	90%, 80%, 91%
CMY	0.1018, 0.2000, 0.0902
CMYK	0.01, 0.12, 0.00, 0.09
HSL	294°, 38%, 85%
HSV	294°, 12%, 91%
XYZ	68.4802, 65.6699, 85.4082
YIQ	214.6670, 5.9120, 14.0080

Conversions

Conversions Part 2

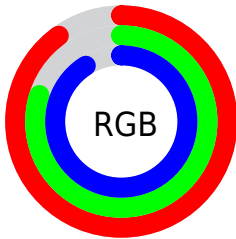
Format	Color
R _Y B	229, 204, 232
Decimal	15060200
CIE Lab	84.83, 13.64, -10.61
CIE LCh	85, 17.279, 322.126
Yxy	65.6699, 0.3119, 0.2991
Android (android.graphics.Color)	4293250280 (0xFFE5CCE8)
YUV	214.6670, 8.5452, 12.5700
Hunter-Lab	81.0370, 9.0266, -5.7623

Details

The Yxy color **65.6699, 0.3119, 0.2991** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.3300, 0.3132, 0.3604**, and the grayscale version is **67.6607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.8315, 0.3114, 0.2929** is the 20% darker color. If you saturate the color by 10%, you get **55.0536, 0.3109, 0.2735**, and if you desaturate by 10%, it is **77.9401, 0.3126, 0.3240**.

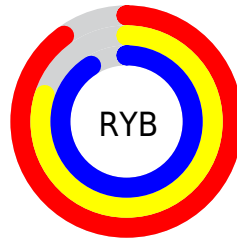
Distribution



Red (90%)

Green (80%)

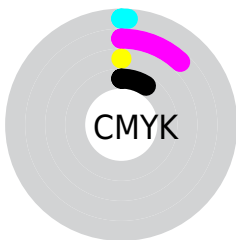
Blue (91%)



Red (90%)

Yellow (80%)

Blue (91%)

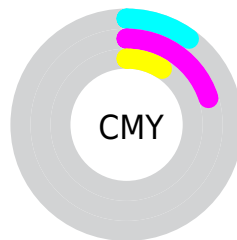


Cyan (1%)

Magenta (12%)

Yellow (0%)

Black (9%)



Cyan (10%)

Magenta (20%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.6699, 0.3119, 0.2991 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 65.6699, 0.3119, 0.2991 by changing the saturation by 10% instead.

 65.6699, 0.3119,
0.2991

 65.6699, 0.3119,
0.2991

445.1954, 0.3124,
0.3129

 48.0045, 0.3117,
0.2960


113.0124, 0.3121,
0.3039

 33.8304, 0.3115,
0.2921


143.4583, 0.3122,
0.3057

 22.7634, 0.3112,
0.2872


178.9332, 0.3122,
0.3073

 14.4189, 0.3108,
0.2809

219.8213, 0.3123,
0.3087

 8.4126, 0.3101,
0.2722

266.5073, 0.3123,
0.3100

 4.3601, 0.3090,
0.2599

319.3753, 0.3124,

 1.8769, 0.3068,

0.3110

0.2407

378.8099, 0.3124,
0.3120

0.5345, 0.3063,
0.1947

0.0000, 0.0000,
0.0000

65.6699, 0.3119,
0.2991

65.6699, 0.3119,
0.2991

55.0536, 0.3109,
0.2735

77.9401, 0.3126,
0.3240

46.0105, 0.3097,
0.2478


91.9237, 0.3131,
0.3476

38.4654, 0.3081,
0.2229


95.2462, 0.3144,
0.3521

32.3339, 0.3062,
0.1998

95.6696, 0.3159,
0.3520

 27.5233, 0.3040,
0.1795

 96.0987, 0.3174,
0.3519


 23.9296, 0.3015,
0.1630


 96.5336, 0.3190,
0.3517


 21.4332, 0.2989,
0.1508

 96.9744, 0.3206,
0.3516

 19.8902, 0.2962,
0.1430

 97.4209, 0.3221,
0.3515

 19.1623, 0.2941,
0.1394

 97.8734, 0.3237,
0.3514

Harmonies

Analogous

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



65.6699, 0.2913, 0.2931



65.6699, 0.3119, 0.2991



65.6699, 0.3334, 0.3124

Triad

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



65.6699, 0.3119, 0.2991



65.6699, 0.3495, 0.3618



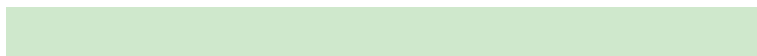
65.6699, 0.2771, 0.3263

Complementary

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



65.6699, 0.3119, 0.2991



75.3300, 0.3132, 0.3604

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.



65.6699, 0.2918, 0.3463



65.6699, 0.3119, 0.2991



65.6699, 0.3336, 0.3672

Square

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



65.6699, 0.3119, 0.2991



65.6699, 0.3555, 0.3480



65.6699, 0.3124, 0.3616



65.6699, 0.2717, 0.3079

Rectangle

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



65.6699, 0.3119, 0.2991



65.6699, 0.3451, 0.3239



65.6699, 0.3124, 0.3616



65.6699, 0.2811, 0.3331

Sweetspot

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



65.6727, 0.3119, 0.2991



93.4601, 0.3125, 0.3192



63.4139, 0.2937, 0.3011



19.7492, 0.3124, 0.3174



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.



65.6727, 0.3119, 0.2991



78.5914, 0.3117, 0.2940



65.5721, 0.3218, 0.3105



14.5338, 0.3121, 0.3057



10.6714, 0.2945, 0.1396



0.8109, 0.2986, 0.1419

Inverse Universe

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



64.8402, 0.3323, 0.3258



77.4113, 0.3361, 0.3253



75.4410, 0.3046, 0.3483



14.3926, 0.3276, 0.3265



9.5708, 0.6273, 0.3229



0.7156, 0.5987, 0.3072

Previews

White Background



This preview shows how the Yxy color 65.6699, 0.3119, 0.2991 looks on a white background.

Color Contrast Check

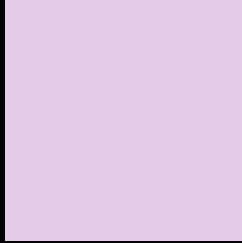
Large Text (above 18pt) WCAG AA × Fail

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 65.6699, 0.3119, 0.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

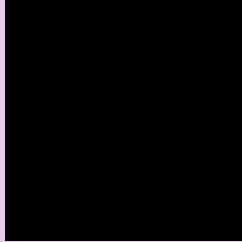
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.6699, 0.3119, 0.2991

Background



This preview shows how black text looks on a background with the Yxy color 65.6699, 0.3119, 0.2991.



This preview shows how white text looks on a background with the Yxy color 65.6699, 0.3119, 0.2991.

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

65.6699, 0.3119, 0.2991

Protanopia

65.7046, 0.2947, 0.3003

Deuteranopia

65.6568, 0.3074, 0.3009



Tritanopia

65.9105, 0.3181, 0.3117

Trichromacy



Original Color

65.6699, 0.3119, 0.2991

Protanomaly

65.7088, 0.3002, 0.2995

Deuteranomaly

65.4964, 0.3089, 0.2999

Tritanomaly

65.6476, 0.3153, 0.3064

Monochromacy



Original Color

65.6699, 0.3119, 0.2991

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.0246, 0.3125, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6699, 0.3119, 0.2991 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(229, 204, 232)` looks like.

```
.text, #text, p{  
    color:rgb(229, 204, 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(229, 204, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 204, 232) }
```

Border

The CSS property to change the border of an element to Yxy 65.6699, 0.3119, 0.2991 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(229, 204, 232) }
```

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

```
.border{ border-color:rgb(229, 204, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 204, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 204, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 204, 232);  
box-shadow:4px 4px 4px 4px rgb(229, 204,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6699, 0.3119, 0.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 204, 232) }
```

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

```
.background{ background-color: rgb(229,  
204, 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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