

Converting Colors

Yxy(66.4251, 0.2988, 0.2739)

Have a look what the booklet for
Yxy(66.4251, 0.2988, 0.2739)
contains.

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Color

Yxy(66.1491, 0.2985, 0.2734)

Conversions

Conversions Part 1

Format	Color
Hex	E8C9FF
RGB	232, 201, 255
RGB Percent	91%, 79%, 100%
CMY	0.0901, 0.2118, 0.0000
CMYK	0.09, 0.21, 0.00, 0.00
HSL	274°, 100%, 89%
HSV	274°, 21%, 100%
XYZ	72.2220, 66.1491, 103.5787
YIQ	216.4250, 1.1420, 23.3660

Conversions

Conversions Part 2

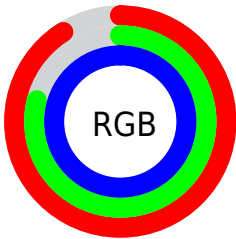
Format	Color
R _Y B	232, 201, 255
Decimal	15256063
CIE Lab	85.07, 20.60, -22.44
CIE LCh	85, 30.461, 312.564
Yxy	66.1491, 0.2985, 0.2734
Android (android.graphics.Color)	4293446143 (0xFFE8C9FF)
YUV	216.4250, 19.0175, 13.6593
Hunter-Lab	81.3321, 16.1749, -18.5750

Details

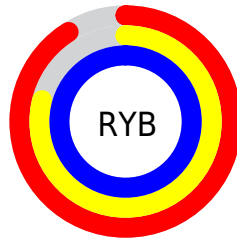
The Yxy color **66.1491, 0.2985, 0.2734** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.5796, 0.3244, 0.3856**, and the grayscale version is **68.8439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1748, 0.2948, 0.2615** is the 20% darker color. If you saturate the color by 10%, you get **53.4729, 0.2900, 0.2448**, and if you desaturate by 10%, it is **80.9148, 0.3058, 0.3007**.

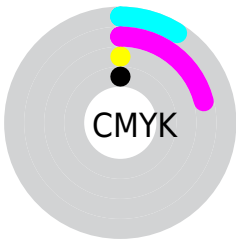
Distribution



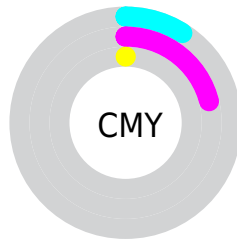
- Red (91%)
- Green (79%)
- Blue (100%)



- Red (91%)
- Yellow (79%)
- Blue (100%)



- Cyan (9%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)




- Cyan (9%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.1491, 0.2985, 0.2734 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 66.1491, 0.2985, 0.2734 by changing the saturation by 10% instead.


 66.1491, 0.2985,
0.2734

 66.1491, 0.2985,
0.2734


446.9099, 0.3055,
0.2985

 48.3934, 0.2968,
0.2678


113.7003, 0.3010,
0.2820

 34.1386, 0.2947,
0.2611


144.2646, 0.3020,
0.2853

 23.0001, 0.2919,
0.2526

179.8673, 0.3028,
0.2883

 14.5936, 0.2882,
0.2418

220.8928, 0.3035,
0.2908

 8.5346, 0.2829,
0.2276

267.7254, 0.3041,
0.2931

 4.4389, 0.2750,
0.2080

320.7495, 0.3046,

 1.9220, 0.2621,

0.2951

0.1795

380.3495, 0.3051,
0.2969

0.5615, 0.2404,
0.1283

0.0000, 0.0000,
0.0000

66.1491, 0.2985,
0.2734

66.1491, 0.2985,
0.2734

53.4729, 0.2900,
0.2448

80.9148, 0.3058,
0.3007

42.7808, 0.2805,
0.2157

97.8565, 0.3121,
0.3261

33.9673, 0.2699,
0.1871

100.0000, 0.3127,
0.3290

26.9142, 0.2586,
0.1604

■ 21.4893, 0.2470,
0.1369

■ 17.5414, 0.2355,
0.1180

■ 14.8889, 0.2247,
0.1043

■ 13.3778, 0.2158,
0.0963

Harmonies

Analogous

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



66.1491, 0.2658, 0.2673



66.1491, 0.2985, 0.2734



66.1491, 0.3371, 0.2922

Triad

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



66.1491, 0.2985, 0.2734



66.1491, 0.3829, 0.3786



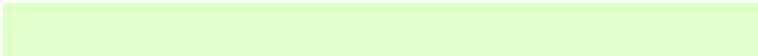
66.1491, 0.2574, 0.3348

Complementary

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



66.1491, 0.2985, 0.2734



91.5796, 0.3244, 0.3856

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.



66.1491, 0.2863, 0.3705



66.1491, 0.2985, 0.2734



66.1491, 0.3589, 0.3954

Square

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



66.1491, 0.2985, 0.2734



66.1491, 0.3875, 0.3507



66.1491, 0.3233, 0.3934



66.1491, 0.2433, 0.3000

Rectangle

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



66.1491, 0.2985, 0.2734



66.1491, 0.3606, 0.3099



66.1491, 0.3233, 0.3934



66.1491, 0.2656, 0.3473

Sweetspot

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



66.1511, 0.2985, 0.2734



89.4099, 0.3092, 0.3141



73.1622, 0.2788, 0.2960



18.9011, 0.3088, 0.3124



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.



66.1511, 0.2985, 0.2734



61.0647, 0.2954, 0.2626



70.0216, 0.3177, 0.2795



17.8930, 0.3069, 0.3051



7.0801, 0.2174, 0.0971



0.7538, 0.2287, 0.1034

Inverse Universe

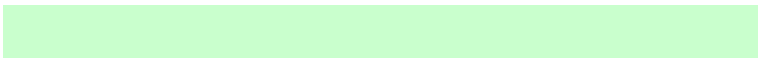
The Inverse Universe completely reimagines the original color for something new.



68.4116, 0.3378, 0.3058



63.7122, 0.3436, 0.3014



88.3252, 0.3080, 0.3841



18.1153, 0.3227, 0.3189



11.7084, 0.5279, 0.2682



1.1613, 0.4988, 0.2521

Previews

White Background



This preview shows how the Yxy color 66.1491, 0.2985, 0.2734 looks on a white background.

Color Contrast Check

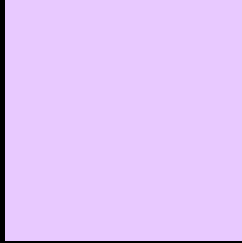
Large Text (above 18pt) WCAG AA × Fail

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 66.1491, 0.2985, 0.2734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

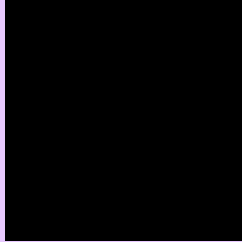
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1491, 0.2985, 0.2734

Background



This preview shows how black text looks on a background with the Yxy color 66.1491, 0.2985, 0.2734.

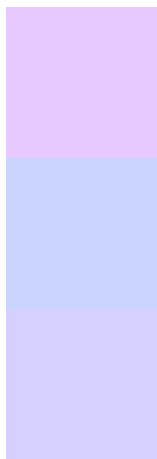


This preview shows how white text looks on a background with the Yxy color 66.1491, 0.2985, 0.2734.

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

66.1491, 0.2985, 0.2734

Protanopia

66.5050, 0.2790, 0.2813

Deuteranopia

66.4136, 0.2861, 0.2799



Tritanopia

66.2843, 0.3165, 0.3117

Trichromacy



Original Color

66.1491, 0.2985, 0.2734

Protanomaly

66.1418, 0.2861, 0.2779

Deuteranomaly

66.0340, 0.2907, 0.2773

Tritanomaly

66.3188, 0.3097, 0.2971

Monochromacy



Original Color

66.1491, 0.2985, 0.2734

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.8313, 0.3078, 0.3084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1491, 0.2985, 0.2734 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, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 201, 255)  
}
```

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, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 201, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.1491, 0.2985, 0.2734 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, 201, 255) }
```

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

```
.border{ border-color:rgb(232, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 201,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1491, 0.2985, 0.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 201, 255) }
```

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

```
.background{ background-color: rgb(232,  
201, 255) }
```

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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