

Converting Colors

Yxy(68.1672, 0.2891, 0.2562)

Have a look what the booklet for
Yxy(68.1672, 0.2891, 0.2562)
contains.

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Color

Yxy(66.8262, 0.3014, 0.2739)

Conversions

Conversions Part 1

Format	Color
Hex	ECC9FF
RGB	236, 201, 255
RGB Percent	93%, 79%, 100%
CMY	0.0744, 0.2118, 0.0001
CMYK	0.07, 0.21, 0.00, 0.00
HSL	279°, 100%, 89%
HSV	279°, 21%, 100%
XYZ	73.5357, 66.8262, 103.6184
YIQ	217.6210, 3.5260, 24.2140

Conversions

Conversions Part 2

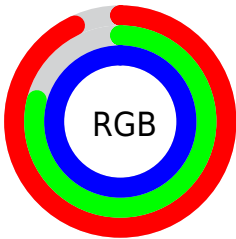
Format	Color
R _Y B	236, 201, 255
Decimal	15518207
CIE Lab	85.42, 21.87, -21.87
CIE LCh	85, 30.929, 315.006
Yxy	66.8262, 0.3014, 0.2739
Android (android.graphics.Color)	4293708287 (0xFFECC9FF)
YUV	217.6210, 18.4278, 16.1184
Hunter-Lab	81.7473, 17.5116, -17.9297

Details

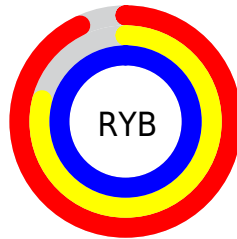
The Yxy color **66.8262, 0.3014, 0.2739** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.9350, 0.3218, 0.3861**, and the grayscale version is **69.7094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.6480, 0.2986, 0.2622** is the 20% darker color. If you saturate the color by 10%, you get **54.4177, 0.2946, 0.2459**, and if you desaturate by 10%, it is **81.2903, 0.3073, 0.3008**.

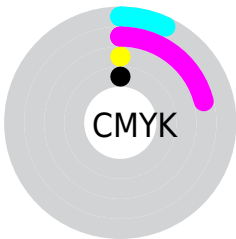
Distribution



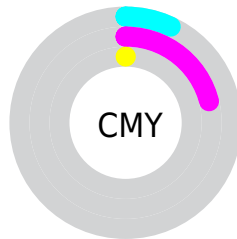
- Red (93%)
- Green (79%)
- Blue (100%)



- Red (93%)
- Yellow (79%)
- Blue (100%)



- Cyan (7%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.8262, 0.3014, 0.2739 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 66.8262, 0.3014, 0.2739 by changing the saturation by 10% instead.

 66.8262, 0.3014,
0.2739

 66.8262, 0.3014,
0.2739

449.3259, 0.3071,
0.2987

 48.9434, 0.3000,
0.2684


114.6713, 0.3034,
0.2824

 34.5746, 0.2983,
0.2617


145.4025, 0.3042,
0.2857

 23.3354, 0.2960,
0.2534


181.1852, 0.3049,
0.2886

 14.8413, 0.2929,
0.2428

222.4038, 0.3054,
0.2911

 8.7081, 0.2884,
0.2288

269.4428, 0.3059,
0.2933

 4.5513, 0.2818,
0.2096

322.6866, 0.3064,

 1.9865, 0.2708,

0.2953

0.1818

382.5194, 0.3067,
0.2971

0.5996, 0.2517,
0.1333

0.0000, 0.0502,
0.0000

66.8262, 0.3014,
0.2739

66.8262, 0.3014,
0.2739

54.4177, 0.2946,
0.2459

81.2903, 0.3073,
0.3008

43.9578, 0.2868,
0.2177

97.8933, 0.3122,
0.3261

35.3428, 0.2782,
0.1903

99.9991, 0.3127,
0.3290

28.4555, 0.2690,
0.1650

■ 23.1647, 0.2593,
0.1430

■ 19.3203, 0.2497,
0.1254

■ 16.7418, 0.2404,
0.1128

■ 15.2720, 0.2327,
0.1055

Harmonies

Analogous

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



66.8262, 0.2675, 0.2666



66.8262, 0.3014, 0.2739



66.8262, 0.3405, 0.2938

Triad

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



66.8262, 0.3014, 0.2739



66.8262, 0.3824, 0.3811



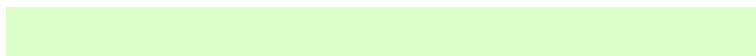
66.8262, 0.2550, 0.3318

Complementary

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



66.8262, 0.3014, 0.2739



90.9350, 0.3218, 0.3861

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.



66.8262, 0.2831, 0.3684



66.8262, 0.3014, 0.2739



66.8262, 0.3568, 0.3968

Square

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



66.8262, 0.3014, 0.2739



66.8262, 0.3889, 0.3534



66.8262, 0.3203, 0.3931



66.8262, 0.2421, 0.2971

Rectangle

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



66.8262, 0.3014, 0.2739



66.8262, 0.3638, 0.3120



66.8262, 0.3203, 0.3931



66.8262, 0.2629, 0.3444

Sweetspot

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



66.8290, 0.3014, 0.2739



89.6195, 0.3099, 0.3141



71.2387, 0.2785, 0.2920



18.9506, 0.3096, 0.3125



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.



66.8290, 0.3014, 0.2739



61.8516, 0.2989, 0.2633



69.7922, 0.3203, 0.2828



17.9627, 0.3081, 0.3052



8.0674, 0.2341, 0.1063



0.8465, 0.2440, 0.1118

Inverse Universe

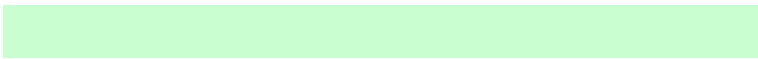
The Inverse Universe completely reimagines the original color for something new.



68.1923, 0.3409, 0.3098



63.4666, 0.3474, 0.3062



88.4918, 0.3060, 0.3800



18.0924, 0.3239, 0.3207



11.5155, 0.5580, 0.2847



1.1410, 0.5264, 0.2674

Previews

White Background



This preview shows how the Yxy color 66.8262, 0.3014, 0.2739 looks on a white background.

Color Contrast Check

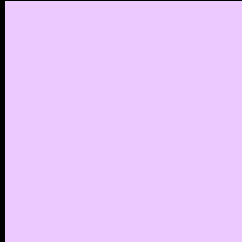
Large Text (above 18pt) WCAG AA × Fail

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 66.8262, 0.3014, 0.2739 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

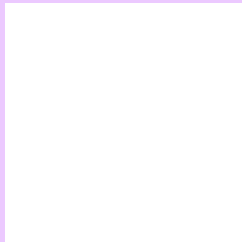
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8262, 0.3014, 0.2739

Background



This preview shows how black text looks on a background with the Yxy color 66.8262, 0.3014, 0.2739.

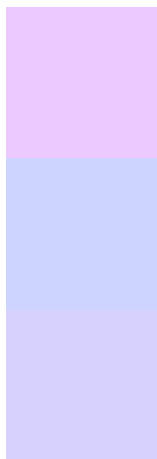


This preview shows how white text looks on a background with the Yxy color 66.8262, 0.3014, 0.2739.

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

66.8262, 0.3014, 0.2739

Protanopia

67.1443, 0.2797, 0.2825

Deuteranopia

67.1399, 0.2881, 0.2821



Tritanopia

66.9423, 0.3195, 0.3119

Trichromacy



Original Color

66.8262, 0.3014, 0.2739

Protanomaly

66.9307, 0.2875, 0.2792

Deuteranomaly

66.9863, 0.2929, 0.2787

Tritanomaly

66.9844, 0.3127, 0.2974

Monochromacy



Original Color

66.8262, 0.3014, 0.2739

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

68.8640, 0.3093, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8262, 0.3014, 0.2739 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, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 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(236, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 201, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.8262, 0.3014, 0.2739 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, 201, 255) }
```

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

```
.border{ border-color:rgb(236, 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(236, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 201,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8262, 0.3014, 0.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 201, 255) }
```

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

```
.background{ background-color: rgb(236,  
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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