

Converting Colors

$Y_{xy}(71.0530, 0.2691, 0.2238)$

Have a look what the booklet for
Yxy(71.0530, 0.2691, 0.2238)
contains.

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Color

Yxy(66.5921, 0.3043, 0.2723)

Conversions

Conversions Part 1

Format	Color
Hex	F0C7FF
RGB	240, 199, 255
RGB Percent	94%, 78%, 100%
CMY	0.0587, 0.2196, 0.0000
CMYK	0.06, 0.22, 0.00, 0.00
HSL	284°, 100%, 89%
HSV	284°, 22%, 100%
XYZ	74.4178, 66.5921, 103.5442
YIQ	217.6430, 6.4600, 26.1080

Conversions

Conversions Part 2

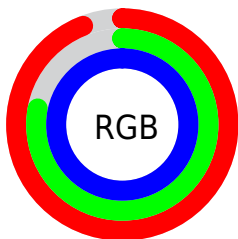
Format	Color
R _Y B	240, 199, 255
Decimal	15779839
CIE Lab	85.30, 24.21, -22.03
CIE LCh	85, 32.731, 317.708
Yxy	66.5921, 0.3043, 0.2723
Android (android.graphics.Color)	4293969919 (0xFFFF0C7FF)
YUV	217.6430, 18.4170, 19.6071
Hunter-Lab	81.6040, 19.9741, -18.1081

Details

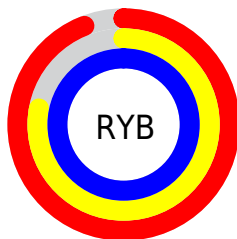
The Yxy color $66.5921, 0.3043, 0.2723$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $89.9327, 0.3191, 0.3890$, and the grayscale version is $69.7233, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.5184, 0.3024, 0.2604$ is the 20% darker color. If you saturate the color by 10%, you get $54.6571, 0.2993, 0.2450$, and if you desaturate by 10%, it is $80.5426, 0.3086, 0.2989$.

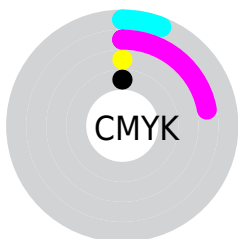
Distribution



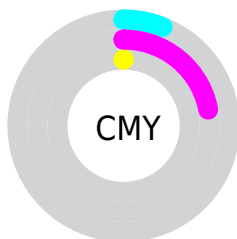
- Red (94%)
- Green (78%)
- Blue (100%)



- Red (94%)
- Yellow (78%)
- Blue (100%)



- Cyan (6%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5921, 0.3043, 0.2723 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 66.5921, 0.3043, 0.2723 by changing the saturation by 10% instead.


 66.5921, 0.3043,
0.2723

 66.5921, 0.3043,
0.2723


448.4915, 0.3087,
0.2977

 48.7532, 0.3032,
0.2667


114.3357, 0.3059,
0.2810

 34.4238, 0.3018,
0.2598


145.0093, 0.3065,
0.2844

 23.2193, 0.2999,
0.2514


180.7298, 0.3070,
0.2874

 14.7555, 0.2974,
0.2405

221.8818, 0.3074,
0.2899

 8.6480, 0.2937,
0.2263

268.8495, 0.3078,
0.2922

 4.5123, 0.2881,
0.2067


322.0174, 0.3081,


 1.9641, 0.2785,


0.2943


0.1786

381.7700, 0.3084,
0.2961

 0.5865, 0.2619,
0.1294


 0.0000, 0.0900,
0.0000


 66.5921, 0.3043,
0.2723


 66.5921, 0.3043,
0.2723

 54.6571, 0.2993,
0.2450


 80.5426, 0.3086,
0.2989

 44.6322, 0.2936,
0.2179

 96.5931, 0.3121,
0.3242

 36.4128, 0.2872,
0.1920

100.0000, 0.3127,
0.3290

 29.8815, 0.2803,
0.1685

■ 24.9067, 0.2730,
0.1485

■ 21.3368, 0.2657,
0.1330

■ 18.9891, 0.2585,
0.1223

■ 17.7682, 0.2529,
0.1167

Harmonies

Analogous

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



66.5921, 0.2677, 0.2632



66.5921, 0.3043, 0.2723



66.5921, 0.3456, 0.2942

Triad

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



66.5921, 0.3043, 0.2723



66.5921, 0.3848, 0.3861



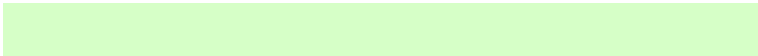
66.5921, 0.2498, 0.3282

Complementary

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



66.5921, 0.3043, 0.2723



89.9327, 0.3191, 0.3890

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.



66.5921, 0.2781, 0.3676



66.5921, 0.3043, 0.2723



66.5921, 0.3561, 0.4015

Square

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



66.5921, 0.3043, 0.2723



66.5921, 0.3938, 0.3575



66.5921, 0.3169, 0.3956



66.5921, 0.2379, 0.2923

Rectangle

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



66.5921, 0.3043, 0.2723



66.5921, 0.3697, 0.3138



66.5921, 0.3169, 0.3956



66.5921, 0.2576, 0.3416

Sweetspot

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



66.5945, 0.3043, 0.2723



88.2419, 0.3104, 0.3117



67.8909, 0.2768, 0.2853



18.6810, 0.3102, 0.3101



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.



66.5945, 0.3043, 0.2723



61.5400, 0.3024, 0.2613



68.5659, 0.3240, 0.2854



18.0420, 0.3095, 0.3053



9.3612, 0.2540, 0.1173



0.9650, 0.2619, 0.1216

Inverse Universe

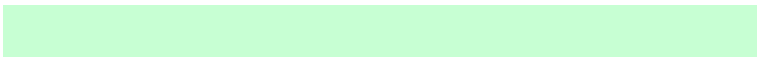
The Inverse Universe completely reimagines the original color for something new.



66.9558, 0.3458, 0.3138



62.0027, 0.3538, 0.3108



88.3705, 0.3032, 0.3769



18.0668, 0.3252, 0.3227



11.3487, 0.5881, 0.3013



1.1222, 0.5563, 0.2838

Previews

White Background



This preview shows how the Yxy color 66.5921, 0.3043, 0.2723 looks on a white background.

Color Contrast Check

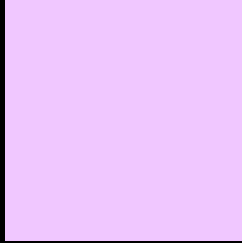
Large Text (above 18pt) WCAG AA × Fail

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 66.5921, 0.3043, 0.2723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

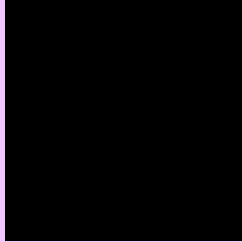
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.5921, 0.3043, 0.2723

Background



This preview shows how black text looks on a background with the Yxy color 66.5921, 0.3043, 0.2723.

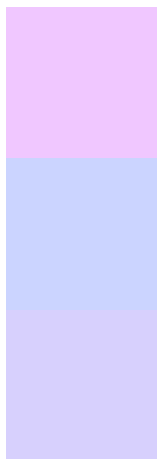


This preview shows how white text looks on a background with the Yxy color 66.5921, 0.3043, 0.2723.

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

66.5921, 0.3043, 0.2723

Protanopia

67.0035, 0.2791, 0.2824

Deuteranopia

66.6507, 0.2880, 0.2810



Tritanopia

66.5453, 0.3242, 0.3120

Trichromacy



Original Color

66.5921, 0.3043, 0.2723

Protanomaly

66.4446, 0.2874, 0.2781

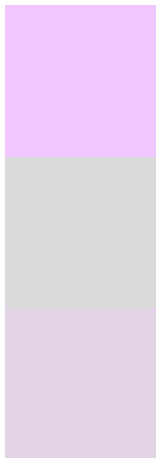
Deuteranomaly

66.6657, 0.2935, 0.2777

Tritanomaly

66.5996, 0.3172, 0.2976

Monochromacy



Original Color

66.5921, 0.3043, 0.2723

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

68.5268, 0.3101, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5921, 0.3043, 0.2723 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(240, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 199, 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(240, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 199, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.5921, 0.3043, 0.2723 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(240, 199, 255) }
```

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

```
.border{ border-color:rgb(240, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 199,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5921, 0.3043, 0.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 199, 255) }
```

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

```
.background{ background-color: rgb(240,  
199, 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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