

Converting Colors

Yxy(68.8727, 0.3165, 0.2894)

Have a look what the booklet for
Yxy(68.8727, 0.3165, 0.2894)
contains.

Yxy(69.0693, 0.3161, 0.2894)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(69.0693, 0.3161, 0.2894)

Conversions

Conversions Part 1

Format	Color
Hex	F5CCF3
RGB	245, 204, 243
RGB Percent	96%, 80%, 95%
CMY	0.0390, 0.2001, 0.0470
CMYK	0.00, 0.17, 0.01, 0.04
HSL	303°, 67%, 88%
HSV	303°, 17%, 96%
XYZ	75.4416, 69.0693, 94.1529
YIQ	220.7050, 11.9170, 20.8210

Conversions

Conversions Part 2

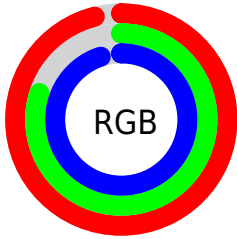
Format	Color
R _Y B	245, 204, 243
Decimal	16108787
CIE Lab	86.54, 20.97, -13.75
CIE LCh	87, 25.074, 326.743
Yxy	69.0693, 0.3161, 0.2894
Android (android.graphics.Color)	4294298867 (0xFFF5CCF3)
YUV	220.7050, 10.9914, 21.3067
Hunter-Lab	83.1079, 16.5953, -8.9940

Details

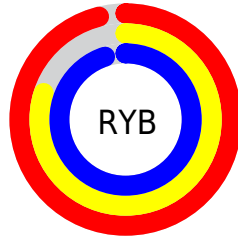
The Yxy color **69.0693, 0.3161, 0.2894** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.6325, 0.3094, 0.3721**, and the grayscale version is **72.0093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0919, 0.3160, 0.2808** is the 20% darker color. If you saturate the color by 10%, you get **58.2527, 0.3183, 0.2653**, and if you desaturate by 10%, it is **81.7250, 0.3140, 0.3133**.

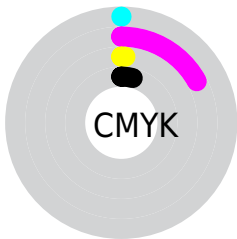
Distribution



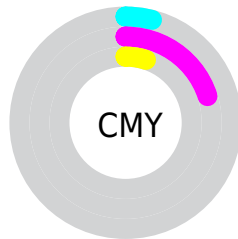
- Red (96%)
- Green (80%)
- Blue (95%)



- Red (96%)
- Yellow (80%)
- Blue (95%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0693, 0.3161, 0.2894 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 69.0693, 0.3161, 0.2894 by changing the saturation by 10% instead.


 69.0693, 0.3161,
0.2894

 69.0693, 0.3161,
0.2894


457.2754, 0.3148,
0.3073

 50.7682, 0.3163,
0.2854


117.8806, 0.3157,
0.2955

 36.0241, 0.3166,
0.2805


149.1594, 0.3155,
0.2979

 24.4528, 0.3169,
0.2744


185.5330, 0.3154,
0.3000

 15.6699, 0.3173,
0.2666

227.3857, 0.3152,
0.3018

 9.2908, 0.3176,
0.2562

275.1019, 0.3151,
0.3034

 4.9314, 0.3178,
0.2416


329.0660, 0.3150,


 2.2071, 0.3176,

0.3049

0.2200

389.6623, 0.3149,
0.3062


 0.7238, 0.3165,
0.1828


 0.0000, 0.2134,
0.0000


 69.0693, 0.3161,
0.2894

 69.0693, 0.3161,
0.2894


 58.2527, 0.3183,
0.2653


 81.7250, 0.3140,
0.3133


 49.1808, 0.3207,
0.2419


 96.2908, 0.3121,
0.3364


 41.7642, 0.3231,
0.2200


 97.6383, 0.3113,
0.3371

 35.9023, 0.3255,
0.2006


 97.7140, 0.3106,
0.3359


 31.4833, 0.3279,
0.1846


 97.7902, 0.3099,
0.3347

 28.3805, 0.3300,
0.1727


 97.8668, 0.3092,
0.3335


 26.4455, 0.3319,
0.1652

 97.9440, 0.3085,
0.3323

 25.4905, 0.3336,
0.1620

 98.0217, 0.3079,
0.3311

 25.2955, 0.3341,
0.1614

 98.0999, 0.3072,
0.3299

Harmonies

Analogous

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



69.0693, 0.2862, 0.2791



69.0693, 0.3161, 0.2894



69.0693, 0.3464, 0.3090

Triad

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



69.0693, 0.3161, 0.2894



69.0693, 0.3624, 0.3776



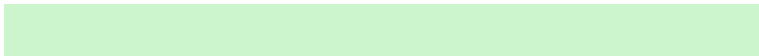
69.0693, 0.2603, 0.3201

Complementary

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



69.0693, 0.3161, 0.2894



82.6325, 0.3094, 0.3721

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.



69.0693, 0.2789, 0.3496



69.0693, 0.3161, 0.2894



69.0693, 0.3377, 0.3839

Square

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



69.0693, 0.3161, 0.2894



69.0693, 0.3738, 0.3587



69.0693, 0.3070, 0.3738



69.0693, 0.2551, 0.2951

Rectangle

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



69.0693, 0.3161, 0.2894



69.0693, 0.3623, 0.3252



69.0693, 0.3070, 0.3738



69.0693, 0.2651, 0.3299

Sweetspot

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



69.0723, 0.3161, 0.2894



92.0922, 0.3137, 0.3174



62.8036, 0.2862, 0.2837



19.4828, 0.3138, 0.3157



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.



69.0723, 0.3161, 0.2894



71.5027, 0.3168, 0.2815



67.9368, 0.3304, 0.3092



16.7532, 0.3146, 0.3068



13.6263, 0.3338, 0.1613



1.2019, 0.3321, 0.1603

Inverse Universe

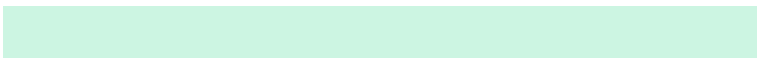
The Inverse Universe completely reimagines the original color for something new.



69.0723, 0.3161, 0.2894



71.5027, 0.3168, 0.2815



83.6594, 0.2980, 0.3497



16.7532, 0.3146, 0.3068



13.6263, 0.3338, 0.1613



1.2019, 0.3321, 0.1603

Previews

White Background



This preview shows how the Yxy color 69.0693, 0.3161, 0.2894 looks on a white background.

Color Contrast Check

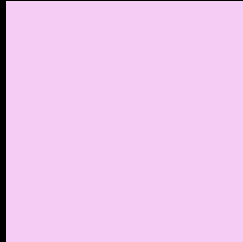
Large Text (above 18pt) WCAG AA × Fail

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 69.0693, 0.3161, 0.2894 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 69.0693, 0.3161, 0.2894

Background



This preview shows how black text looks on a background with the Yxy color 69.0693, 0.3161, 0.2894.



This preview shows how white text looks on a background with the Yxy color 69.0693, 0.3161, 0.2894.

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

69.0693, 0.3161, 0.2894

Protanopia

69.3519, 0.2875, 0.2914

Deuteranopia

69.1681, 0.3027, 0.2962



Tritanopia

68.8847, 0.3271, 0.3113

Trichromacy



Original Color

69.0693, 0.3161, 0.2894

Protanomaly

68.9919, 0.2974, 0.2910

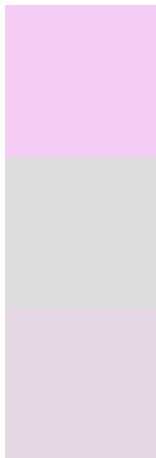
Deuteranomaly

68.8462, 0.3078, 0.2936

Tritanomaly

68.9668, 0.3229, 0.3032

Monochromacy



Original Color

69.0693, 0.3161, 0.2894

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.0810, 0.3141, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0693, 0.3161, 0.2894 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(245, 204, 243)` looks like.

```
.text, #text, p{  
    color:rgb(245, 204, 243)  
}
```

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(245, 204, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 204, 243) }
```

Border

The CSS property to change the border of an element to Yxy 69.0693, 0.3161, 0.2894 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(245, 204, 243) }
```

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

```
.border{ border-color:rgb(245, 204, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 204, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 204, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 204, 243); box-shadow:4px 4px 4px 4px rgb(245, 204, 243) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0693, 0.3161, 0.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 204, 243) }
```

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

```
.background{ background-color: rgb(245,  
204, 243) }
```

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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