

Converting Colors

$Y_{xy}(72.1696, 0.3113, 0.2816)$

Have a look what the booklet for
Yxy(72.1696, 0.3113, 0.2816)
contains.

Yxy(72.1696, 0.3113, 0.2816)	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(72.1696, 0.3113, 0.2816)

Conversions

Conversions Part 1

Format	Color
Hex	FACFFF
RGB	250, 207, 255
RGB Percent	98%, 81%, 100%
CMY	0.0197, 0.1882, 0.0000
CMYK	0.02, 0.19, 0.00, 0.00
HSL	294°, 100%, 91%
HSV	294°, 19%, 100%
XYZ	79.7812, 72.1696, 104.3333
YIQ	225.3290, 10.2200, 24.0440

Conversions

Conversions Part 2

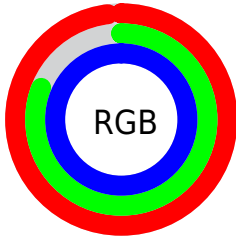
Format	Color
R_{YB}	250, 207, 255
Decimal	16437247
CIE _{Lab}	88.05, 23.16, -17.78
CIE _{LCh}	88, 29.199, 322.493
Yxy	72.1696, 0.3113, 0.2816
Android (android.graphics.Color)	4294627327 (0xFFFFACFFF)
YUV	225.3290, 14.6278, 21.6365
Hunter-Lab	84.9527, 18.9667, -13.3492

Details

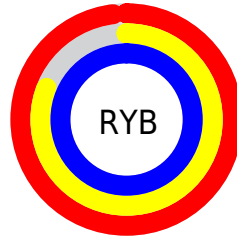
The Yxy color $72.1696, 0.3113, 0.2816$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.0279, 0.3134, 0.3803$, and the grayscale version is $75.4319, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.8711, 0.3107, 0.2710$ is the 20% darker color. If you saturate the color by 10%, you get $60.3080, 0.3101, 0.2557$, and if you desaturate by 10%, it is $86.0395, 0.3122, 0.3072$.

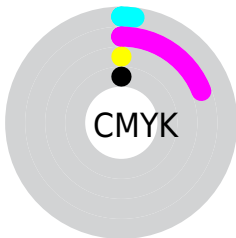
Distribution



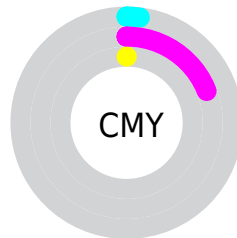
- Red (98%)
- Green (81%)
- Blue (100%)



- Red (98%)
- Yellow (81%)
- Blue (100%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1696, 0.3113, 0.2816 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 72.1696, 0.3113, 0.2816 by changing the saturation by 10% instead.


 72.1696, 0.3113,
0.2816

 72.1696, 0.3113,
0.2816


468.1317, 0.3123,
0.3027

 53.2972, 0.3110,
0.2770


122.2976, 0.3117,
0.2888

 38.0401, 0.3106,
0.2713


154.3221, 0.3118,
0.2916

 26.0138, 0.3100,
0.2644


191.4993, 0.3120,
0.2941

 16.8340, 0.3092,
0.2555

234.2138, 0.3121,
0.2962

 10.1162, 0.3080,
0.2438

282.8499, 0.3121,
0.2981

 5.4761, 0.3059,
0.2278

337.7920, 0.3122,

 2.5292, 0.3021,

0.2998

0.2048

399.4244, 0.3122,
0.3013

0.8912, 0.2942,
0.1690

0.0000, 0.2632,
0.0000

72.1696, 0.3113,
0.2816

72.1696, 0.3113,
0.2816

60.3080, 0.3101,
0.2557

86.0395, 0.3122,
0.3072

50.3500, 0.3087,
0.2303

100.0000, 0.3127,
0.3290

42.1952, 0.3069,
0.2065

35.7303, 0.3048,
0.1852

■ 30.8289, 0.3024,
0.1674

■ 27.3472, 0.2999,
0.1539

■ 25.1146, 0.2972,
0.1448

■ 23.8835, 0.2945,
0.1399

■ 23.7664, 0.2942,
0.1394

Harmonies

Analogous

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



72.1696, 0.2780, 0.2717



72.1696, 0.3113, 0.2816



72.1696, 0.3468, 0.3024

Triad

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



72.1696, 0.3113, 0.2816



72.1696, 0.3725, 0.3821



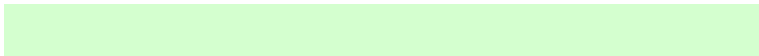
72.1696, 0.2550, 0.3232

Complementary

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



72.1696, 0.3113, 0.2816



90.0279, 0.3134, 0.3803

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.



72.1696, 0.2780, 0.3573



72.1696, 0.3113, 0.2816



72.1696, 0.3457, 0.3923

Square

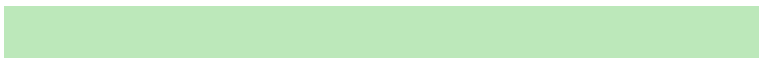
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



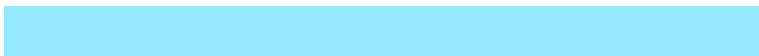
72.1696, 0.3113, 0.2816



72.1696, 0.3832, 0.3588



72.1696, 0.3110, 0.3836



72.1696, 0.2469, 0.2933

Rectangle

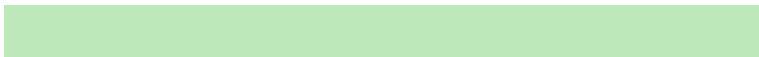
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1696, 0.3113, 0.2816



72.1696, 0.3663, 0.3204



72.1696, 0.3110, 0.3836



72.1696, 0.2612, 0.3346

Sweetspot

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



72.1726, 0.3113, 0.2816



90.3213, 0.3124, 0.3143



67.8811, 0.2817, 0.2834



19.1169, 0.3123, 0.3126



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.



72.1726, 0.3113, 0.2816



66.9726, 0.3109, 0.2708



71.9838, 0.3278, 0.2995



18.1982, 0.3121, 0.3055



12.4575, 0.2946, 0.1397



1.2395, 0.2978, 0.1414

Inverse Universe

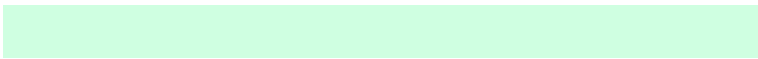
The Inverse Universe completely reimagines the original color for something new.



70.6476, 0.3460, 0.3240



65.1853, 0.3554, 0.3228



90.2460, 0.3001, 0.3604



18.0180, 0.3278, 0.3265



11.1594, 0.6281, 0.3234



1.0962, 0.6062, 0.3113

Previews

White Background



This preview shows how the Yxy color 72.1696, 0.3113, 0.2816 looks on a white background.

Color Contrast Check

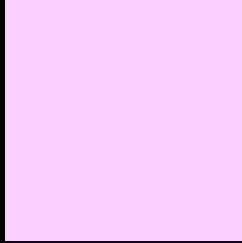
Large Text (above 18pt) WCAG AA × Fail

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 72.1696, 0.3113, 0.2816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

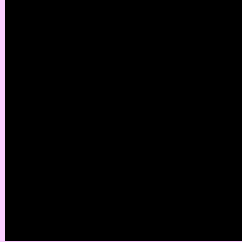
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

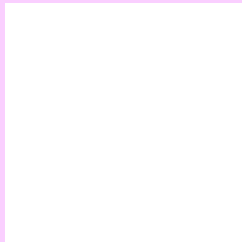
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1696, 0.3113, 0.2816

Background



This preview shows how black text looks on a background with the Yxy color 72.1696, 0.3113, 0.2816.



This preview shows how white text looks on a background with the Yxy color 72.1696, 0.3113, 0.2816.

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

72.1696, 0.3113, 0.2816

Protanopia

72.7025, 0.2867, 0.2920

Deuteranopia

72.0236, 0.2964, 0.2896



Tritanopia

72.2812, 0.3268, 0.3126

Trichromacy



Original Color

72.1696, 0.3113, 0.2816

Protanomaly

72.1518, 0.2952, 0.2877

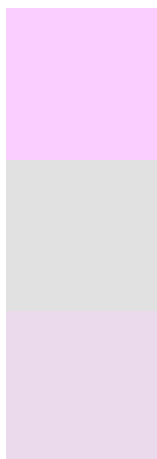
Deuteranomaly

71.9049, 0.3013, 0.2862

Tritanomaly

72.0404, 0.3207, 0.3006

Monochromacy



Original Color

72.1696, 0.3113, 0.2816

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

73.6914, 0.3122, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1696, 0.3113, 0.2816 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(250, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 207, 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(250, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 207, 255) }
```

Border

The CSS property to change the border of an element to Yxy 72.1696, 0.3113, 0.2816 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(250, 207, 255) }
```

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

```
.border{ border-color:rgb(250, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 207,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1696, 0.3113, 0.2816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 207, 255) }
```

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

```
.background{ background-color: rgb(250,  
207, 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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