

Converting Colors

$Y_{xy}(74.2341, 0.2861, 0.2571)$

Have a look what the booklet for
Yxy(74.2341, 0.2861, 0.2571)
contains.

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Color

Yxy(72.0140, 0.3048, 0.2837)

Conversions

Conversions Part 1

Format	Color
Hex	F1D2FF
RGB	241, 210, 255
RGB Percent	95%, 82%, 100%
CMY	0.0550, 0.1764, 0.0000
CMYK	0.05, 0.18, 0.00, 0.00
HSL	281°, 100%, 91%
HSV	281°, 18%, 100%
XYZ	77.3700, 72.0140, 104.4546
YIQ	224.3990, 4.0310, 20.5670

Conversions

Conversions Part 2

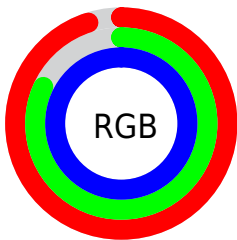
Format	Color
R_{YB}	241, 210, 255
Decimal	15848191
CIE _{Lab}	87.98, 18.68, -17.98
CIE _{LCh}	88, 25.933, 316.096
Yxy	72.0140, 0.3048, 0.2837
Android (android.graphics.Color)	4294038271 (0xFFFF1D2FF)
YUV	224.3990, 15.0863, 14.5591
Hunter-Lab	84.8611, 14.2361, -13.5767

Details

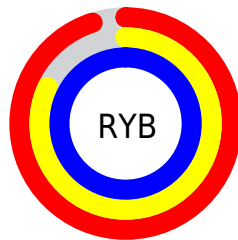
The Yxy color $72.0140, 0.3048, 0.2837$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $92.0260, 0.3192, 0.3759$, and the grayscale version is $74.7280, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.8342, 0.3032, 0.2736$ is the 20% darker color. If you saturate the color by 10%, you get $59.0421, 0.2992, 0.2563$, and if you desaturate by 10%, it is $87.0553, 0.3096, 0.3100$.

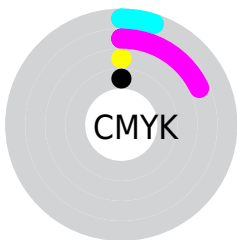
Distribution



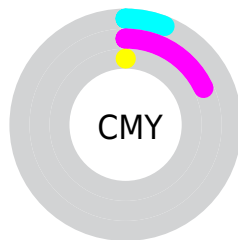
- Red (95%)
- Green (82%)
- Blue (100%)



- Red (95%)
- Yellow (82%)
- Blue (100%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0140, 0.3048, 0.2837 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 72.0140, 0.3048, 0.2837 by changing the saturation by 10% instead.

 72.0140, 0.3048,
0.2837

 72.0140, 0.3048,
0.2837


467.5903, 0.3087,
0.3040

 53.1701, 0.3038,
0.2792

122.0764, 0.3062,
0.2906

 37.9386, 0.3026,
0.2738


154.0638, 0.3067,
0.2933

 25.9350, 0.3011,
0.2670


191.2010, 0.3072,
0.2957

 16.7750, 0.2990,
0.2584

233.8727, 0.3076,
0.2978

 10.0742, 0.2960,
0.2470

282.4630, 0.3079,
0.2996

 5.4482, 0.2916,
0.2314

337.3565, 0.3082,

 2.5126, 0.2843,

0.3012

0.2086

398.9374, 0.3085,
0.3027

0.8829, 0.2706,
0.1729

0.0000, 0.1934,
0.0000

72.0140, 0.3048,
0.2837

72.0140, 0.3048,
0.2837

59.0421, 0.2992,
0.2563

87.0553, 0.3096,
0.3100

48.0407, 0.2927,
0.2285

100.0000, 0.3127,
0.3290

38.9076, 0.2854,
0.2013

31.5301, 0.2774,
0.1758

■ 25.7827, 0.2690,
0.1532

■ 21.5233, 0.2604,
0.1348

■ 18.5842, 0.2519,
0.1212

■ 16.7445, 0.2439,
0.1124

■ 16.3949, 0.2420,
0.1107

Harmonies

Analogous

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



72.0140, 0.2765, 0.2773



72.0140, 0.3048, 0.2837



72.0140, 0.3367, 0.3006

Triad

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



72.0140, 0.3048, 0.2837



72.0140, 0.3693, 0.3728



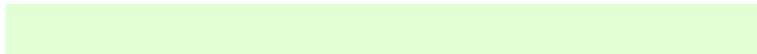
72.0140, 0.2646, 0.3305

Complementary

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



72.0140, 0.3048, 0.2837



92.0260, 0.3192, 0.3759

Split Complementary

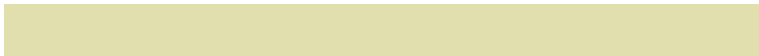
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.0140, 0.2876, 0.3599



72.0140, 0.3048, 0.2837



72.0140, 0.3482, 0.3845

Square

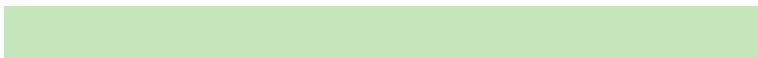
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



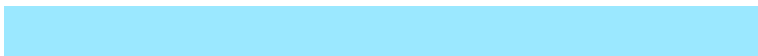
72.0140, 0.3048, 0.2837



72.0140, 0.3750, 0.3506



72.0140, 0.3181, 0.3803



72.0140, 0.2542, 0.3024

Rectangle

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



72.0140, 0.3048, 0.2837



72.0140, 0.3553, 0.3161



72.0140, 0.3181, 0.3803



72.0140, 0.2711, 0.3407

Sweetspot

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



72.0151, 0.3048, 0.2837



91.3873, 0.3107, 0.3167



74.3726, 0.2844, 0.2964



19.3110, 0.3104, 0.3149



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.



72.0151, 0.3048, 0.2837



67.4343, 0.3030, 0.2746



74.0583, 0.3204, 0.2928



17.9998, 0.3088, 0.3052



8.6495, 0.2433, 0.1114



0.9002, 0.2523, 0.1164

Inverse Universe

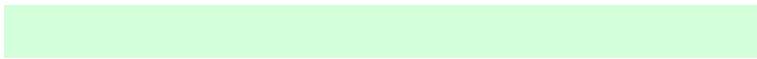
The Inverse Universe completely reimagines the original color for something new.



72.7417, 0.3366, 0.3149



68.3127, 0.3422, 0.3121



90.2986, 0.3059, 0.3681



18.0803, 0.3245, 0.3216



11.4309, 0.5727, 0.2928



1.1317, 0.5407, 0.2752

Previews

White Background



This preview shows how the Yxy color 72.0140, 0.3048, 0.2837 looks on a white background.

Color Contrast Check

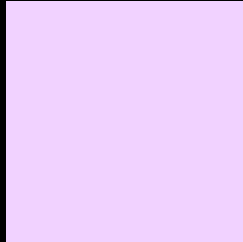
Large Text (above 18pt) WCAG AA × Fail

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 72.0140, 0.3048, 0.2837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

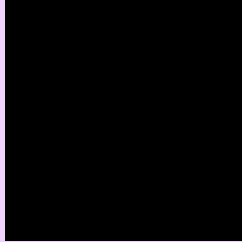
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

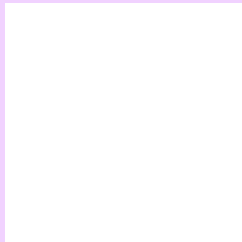
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.0140, 0.3048, 0.2837

Background



This preview shows how black text looks on a background with the Yxy color 72.0140, 0.3048, 0.2837.

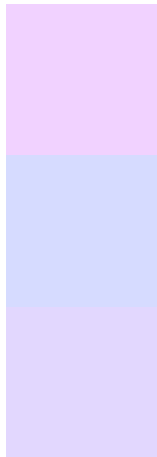


This preview shows how white text looks on a background with the Yxy color 72.0140, 0.3048, 0.2837.

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

72.0140, 0.3048, 0.2837

Protanopia

72.1792, 0.2866, 0.2909

Deuteranopia

71.9254, 0.2951, 0.2886



Tritanopia

71.8672, 0.3179, 0.3113

Trichromacy



Original Color

72.0140, 0.3048, 0.2837

Protanomaly

72.1790, 0.2932, 0.2885

Deuteranomaly

71.7332, 0.2985, 0.2869

Tritanomaly

72.0569, 0.3126, 0.3012

Monochromacy



Original Color

72.0140, 0.3048, 0.2837

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.4842, 0.3100, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0140, 0.3048, 0.2837 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(241, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 210, 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(241, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 210, 255) }
```

Border

The CSS property to change the border of an element to Yxy 72.0140, 0.3048, 0.2837 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(241, 210, 255) }
```

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

```
.border{ border-color:rgb(241, 210, 255) }
```

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

Here you see how a box with a 4 pixel rgb(241, 210, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 210,  
255) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.0140, 0.3048, 0.2837$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 210, 255) }
```

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

```
.background{ background-color: rgb(241,  
210, 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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