

Converting Colors

$Yxy(72.0653, 0.3159, 0.2896)$

Have a look what the booklet for
Yxy(72.0653, 0.3159, 0.2896)
contains.

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Color

Yxy(72.0288, 0.3153, 0.2891)

Conversions

Conversions Part 1

Format	Color
Hex	F9D0F8
RGB	249, 208, 248
RGB Percent	98%, 82%, 97%
CMY	0.0237, 0.1842, 0.0275
CMYK	0.00, 0.16, 0.00, 0.02
HSL	301°, 77%, 90%
HSV	301°, 16%, 98%
XYZ	78.5565, 72.0288, 98.5631
YIQ	224.8190, 11.5960, 21.1320

Conversions

Conversions Part 2

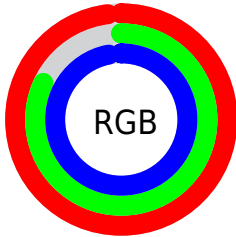
Format	Color
R _Y B	249, 208, 248
Decimal	16371960
CIE _{Lab}	87.98, 21.03, -14.19
CIE _{LCh}	88, 25.369, 325.988
Yxy	72.0288, 0.3153, 0.2891
Android (android.graphics.Color)	4294562040 (0xFFFF9D0F8)
YUV	224.8190, 11.4282, 21.2067
Hunter-Lab	84.8698, 16.6996, -9.4473

Details

The Yxy color **72.0288, 0.3153, 0.2891** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.7481, 0.3101, 0.3724**, and the grayscale version is **75.0685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7947, 0.3151, 0.2792** is the 20% darker color. If you saturate the color by 10%, you get **60.7915, 0.3170, 0.2645**, and if you desaturate by 10%, it is **85.1780, 0.3137, 0.3136**.

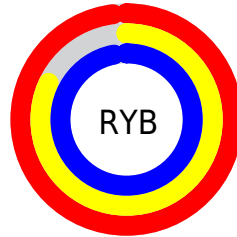
Distribution



Red (98%)

Green (82%)

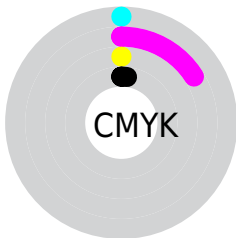
Blue (97%)



Red (98%)

Yellow (82%)

Blue (97%)

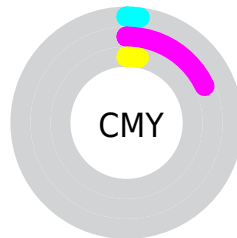


Cyan (0%)

Magenta (16%)

Yellow (0%)

Black (2%)



Cyan (2%)


Magenta (18%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0288, 0.3153, 0.2891 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 72.0288, 0.3153, 0.2891 by changing the saturation by 10% instead.

 72.0288, 0.3153,
0.2891

 72.0288, 0.3153,
0.2891

467.6418, 0.3144,
0.3070

 53.1822, 0.3155,
0.2851


122.0975, 0.3150,
0.2952

 37.9482, 0.3156,
0.2803


154.0883, 0.3149,
0.2976

 25.9425, 0.3158,
0.2743


191.2294, 0.3148,
0.2997

 16.7806, 0.3159,
0.2666

233.9051, 0.3147,
0.3015

 10.0782, 0.3160,
0.2565

282.4998, 0.3146,
0.3031

 5.4509, 0.3159,
0.2424


337.3979, 0.3145,


 2.5141, 0.3153,


0.3046

0.2218


398.9838, 0.3144,
0.3058


 0.8837, 0.3128,
0.1889


 0.0000, 0.2867,
0.0000


 72.0288, 0.3153,
0.2891


 72.0288, 0.3153,
0.2891


 60.7915, 0.3170,
0.2645


 85.1780, 0.3137,
0.3136


 51.3681, 0.3187,
0.2405

 98.5048, 0.3123,
0.3346

 43.6661, 0.3204,
0.2181

 98.5419, 0.3120,
0.3340

 37.5809, 0.3220,
0.1983

 98.5792, 0.3116,
0.3335

32.9969, 0.3235,
0.1819

98.6165, 0.3113,
0.3329

29.7829, 0.3248,
0.1697

98.6540, 0.3110,
0.3323

27.7853, 0.3259,
0.1619

98.6916, 0.3106,
0.3317

26.8121, 0.3268,
0.1583

98.7293, 0.3103,
0.3312

26.6074, 0.3271,
0.1575

98.7671, 0.3099,
0.3306

Harmonies

Analogous

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



72.0288, 0.2856, 0.2791



72.0288, 0.3153, 0.2891



72.0288, 0.3457, 0.3084

Triad

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



72.0288, 0.3153, 0.2891



72.0288, 0.3627, 0.3771



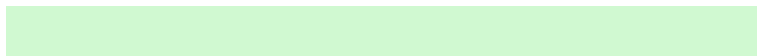
72.0288, 0.2607, 0.3208

Complementary

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



72.0288, 0.3153, 0.2891



85.7481, 0.3101, 0.3724

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.



72.0288, 0.2796, 0.3502



72.0288, 0.3153, 0.2891



72.0288, 0.3383, 0.3838

Square

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



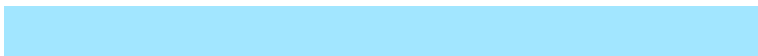
72.0288, 0.3153, 0.2891



72.0288, 0.3737, 0.3581



72.0288, 0.3078, 0.3741



72.0288, 0.2552, 0.2957

Rectangle

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



72.0288, 0.3153, 0.2891



72.0288, 0.3617, 0.3246



72.0288, 0.3078, 0.3741



72.0288, 0.2657, 0.3306

Sweetspot

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



72.0319, 0.3153, 0.2891



92.1136, 0.3135, 0.3171



65.4704, 0.2862, 0.2845



19.4880, 0.3136, 0.3154



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.



72.0319, 0.3153, 0.2891



71.5877, 0.3159, 0.2803



70.8460, 0.3295, 0.3088



17.5170, 0.3142, 0.3062



14.2498, 0.3270, 0.1575



1.3220, 0.3262, 0.1571

Inverse Universe

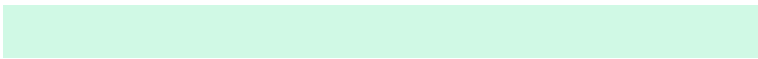
The Inverse Universe completely reimagines the original color for something new.



72.0319, 0.3153, 0.2891



71.5877, 0.3159, 0.2803



86.8119, 0.2986, 0.3501



17.5170, 0.3142, 0.3062



14.2498, 0.3270, 0.1575



1.3220, 0.3262, 0.1571

Previews

White Background



This preview shows how the Yxy color 72.0288, 0.3153, 0.2891 looks on a white background.

Color Contrast Check

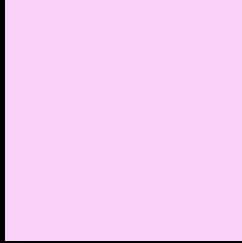
Large Text (above 18pt) WCAG AA × Fail

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 72.0288, 0.3153, 0.2891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

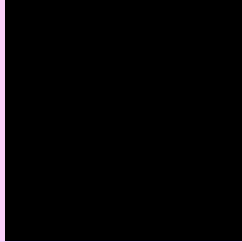
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.0288, 0.3153, 0.2891

Background



This preview shows how black text looks on a background with the Yxy color 72.0288, 0.3153, 0.2891.



This preview shows how white text looks on a background with the Yxy color 72.0288, 0.3153, 0.2891.

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

72.0288, 0.3153, 0.2891

Protanopia

72.1792, 0.2866, 0.2909

Deuteranopia

72.1393, 0.3023, 0.2958



Tritanopia

71.7828, 0.3269, 0.3116

Trichromacy



Original Color

72.0288, 0.3153, 0.2891

Protanomaly

71.9600, 0.2970, 0.2906

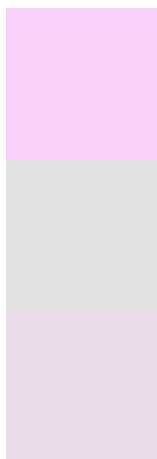
Deuteranomaly

71.8069, 0.3072, 0.2931

Tritanomaly

71.8655, 0.3228, 0.3036

Monochromacy



Original Color

72.0288, 0.3153, 0.2891

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.0387, 0.3141, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0288, 0.3153, 0.2891 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(249, 208, 248)` looks like.

```
.text, #text, p{  
    color:rgb(249, 208, 248)  
}
```

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(249, 208, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 208, 248) }
```

Border

The CSS property to change the border of an element to Yxy 72.0288, 0.3153, 0.2891 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(249, 208, 248) }
```

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

```
.border{ border-color:rgb(249, 208, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 208, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 208, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 208, 248);  
box-shadow:4px 4px 4px 4px rgb(249, 208,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0288, 0.3153, 0.2891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 208, 248) }
```

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

```
.background{ background-color: rgb(249,  
208, 248) }
```

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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