

Converting Colors

$Y_{xy}(76.6234, 0.3140, 0.2974)$

Have a look what the booklet for
Yxy(76.6234, 0.3140, 0.2974)
contains.

Yxy(76.6050, 0.3142, 0.2972)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.6050, 0.3142, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	F9D9F9
RGB	249, 217, 249
RGB Percent	98%, 85%, 98%
CMY	0.0235, 0.1490, 0.0234
CMYK	0.00, 0.13, 0.00, 0.02
HSL	300°, 73%, 91%
HSV	300°, 13%, 98%
XYZ	80.9868, 76.6050, 100.1639
YIQ	230.2160, 8.8000, 16.7360

Conversions

Conversions Part 2

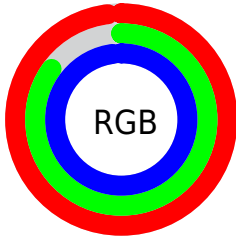
Format	Color
R_{YB}	249, 217, 249
Decimal	16374265
CIE _{Lab}	90.14, 16.52, -11.51
CIE _{LCh}	90, 20.137, 325.128
Yxy	76.6050, 0.3142, 0.2972
Android (android.graphics.Color)	4294564345 (0xFFFF9D9F9)
YUV	230.2160, 9.2605, 16.4736
Hunter-Lab	87.5243, 11.9998, -6.5852

Details

The Yxy color **76.6050, 0.3142, 0.2972** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.5324, 0.3111, 0.3630**, and the grayscale version is **79.2284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8974, 0.3136, 0.2897** is the 20% darker color. If you saturate the color by 10%, you get **64.7232, 0.3154, 0.2720**, and if you desaturate by 10%, it is **90.4304, 0.3130, 0.3220**.

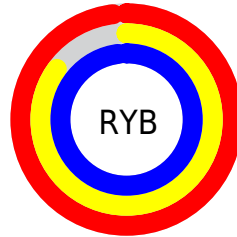
Distribution



Red (98%)

Green (85%)

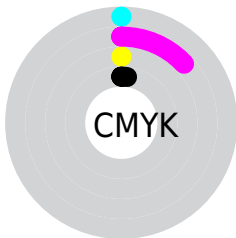
Blue (98%)



Red (98%)

Yellow (85%)

Blue (98%)

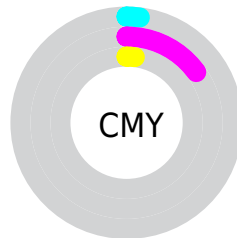


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (2%)



Cyan (2%)


Magenta (15%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.6050, 0.3142, 0.2972 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 76.6050, 0.3142, 0.2972 by changing the saturation by 10% instead.

 76.6050, 0.3142,
0.2972

 76.6050, 0.3142,
0.2972

483.4162, 0.3137,
0.3114

 56.9287, 0.3143,
0.2941


128.5817, 0.3141,
0.3020

 40.9480, 0.3144,
0.2903


161.6510, 0.3140,
0.3039

 28.2785, 0.3144,
0.2855


199.9534, 0.3139,
0.3056

 18.5357, 0.3145,
0.2794

243.8734, 0.3139,
0.3071

 11.3353, 0.3145,
0.2714

293.7952, 0.3138,
0.3083

 6.2928, 0.3144,
0.2604

350.1034, 0.3138,

 3.0239, 0.3139,

0.3095

0.2441

413.1822, 0.3137,
0.3105

■ 1.1442, 0.3123,
0.2180

■ 0.0154, 0.3330,
0.0123

■ 76.6050, 0.3142,
0.2972

■ 76.6050, 0.3142,
0.2972

■ 64.7232, 0.3154,
0.2720

■ 90.4304, 0.3130,
0.3220

■ 54.6886, 0.3165,
0.2472

■ 98.5079, 0.3124,
0.3348

■ 46.4114, 0.3176,
0.2237

■ 98.5095, 0.3125,
0.3348

■ 39.7905, 0.3186,
0.2026

■ 98.5111, 0.3125,
0.3348

34.7145, 0.3194,
0.1847

98.5127, 0.3125,
0.3348

31.0584, 0.3201,
0.1708

98.5143, 0.3125,
0.3348

28.6777, 0.3205,
0.1612

98.5159, 0.3125,
0.3348

27.3971, 0.3208,
0.1559

98.5175, 0.3125,
0.3348

26.9707, 0.3208,
0.1541

98.5191, 0.3125,
0.3348

Harmonies

Analogous

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



76.6050, 0.2910, 0.2896



76.6050, 0.3142, 0.2972



76.6050, 0.3378, 0.3124

Triad

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



76.6050, 0.3142, 0.2972



76.6050, 0.3521, 0.3663



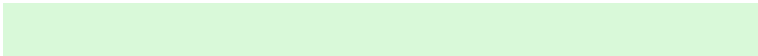
76.6050, 0.2723, 0.3236

Complementary

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



76.6050, 0.3142, 0.2972



87.5324, 0.3111, 0.3630

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.



76.6050, 0.2875, 0.3461



76.6050, 0.3142, 0.2972



76.6050, 0.3335, 0.3713

Square

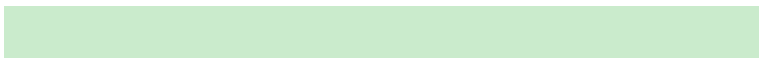
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



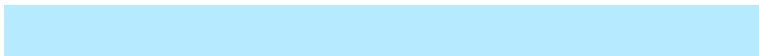
76.6050, 0.3142, 0.2972



76.6050, 0.3601, 0.3516



76.6050, 0.3098, 0.3640



76.6050, 0.2675, 0.3038

Rectangle

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



76.6050, 0.3142, 0.2972



76.6050, 0.3502, 0.3253



76.6050, 0.3098, 0.3640



76.6050, 0.2763, 0.3312

Sweetspot

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



76.6083, 0.3142, 0.2972



93.6632, 0.3132, 0.3192



71.4919, 0.2922, 0.2956



19.8009, 0.3133, 0.3174



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.



76.6083, 0.3142, 0.2972



77.9744, 0.3145, 0.2918



75.6834, 0.3247, 0.3123



17.5243, 0.3138, 0.3056



14.4332, 0.3208, 0.1541



1.3369, 0.3208, 0.1541

Inverse Universe

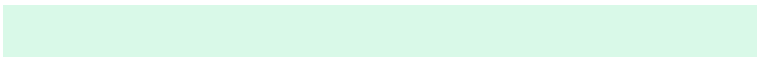
The Inverse Universe completely reimagines the original color for something new.



74.7791, 0.3363, 0.3291



75.7544, 0.3409, 0.3291



88.3746, 0.3022, 0.3463



17.2253, 0.3294, 0.3290



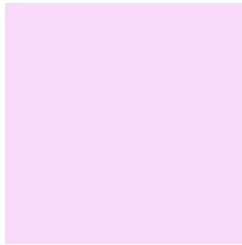
10.7806, 0.6400, 0.3300



0.9985, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 76.6050, 0.3142, 0.2972 looks on a white background.

Color Contrast Check

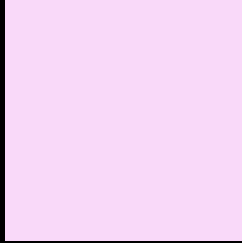
Large Text (above 18pt) WCAG AA × Fail

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 76.6050, 0.3142, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

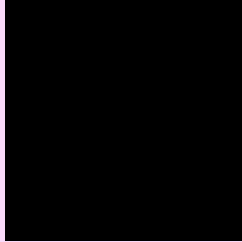
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

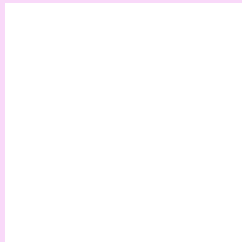
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6050, 0.3142, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 76.6050, 0.3142, 0.2972.



This preview shows how white text looks on a background with the Yxy color 76.6050, 0.3142, 0.2972.

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

76.6050, 0.3142, 0.2972

Protanopia

76.6942, 0.2933, 0.2990

Deuteranopia

76.8409, 0.3077, 0.3016



Tritanopia

76.4933, 0.3214, 0.3118

Trichromacy



Original Color

76.6050, 0.3142, 0.2972

Protanomaly

76.4266, 0.3004, 0.2983

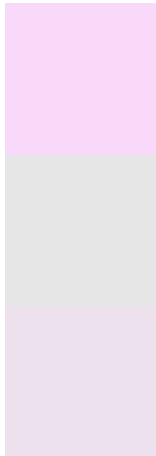
Deuteranomaly

77.0184, 0.3105, 0.3009

Tritanomaly

76.4501, 0.3188, 0.3059

Monochromacy



Original Color

76.6050, 0.3142, 0.2972

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

77.9694, 0.3133, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6050, 0.3142, 0.2972 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, 217, 249)` looks like.

```
.text, #text, p{  
    color:rgb(249, 217, 249)  
}
```

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, 217, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 217, 249) }
```

Border

The CSS property to change the border of an element to Yxy 76.6050, 0.3142, 0.2972 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, 217, 249) }
```

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

```
.border{ border-color:rgb(249, 217, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 217, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 217, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 217, 249);  
box-shadow:4px 4px 4px 4px rgb(249, 217,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6050, 0.3142, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 217, 249) }
```

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

```
.background{ background-color: rgb(249,  
217, 249) }
```

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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