

Converting Colors

$Y_{xy}(42.7284, 0.3369, 0.2732)$

Have a look what the booklet for
Yxy(42.7284, 0.3369, 0.2732)
contains.

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Color

Yxy(42.8468, 0.3371, 0.2742)

Conversions

Conversions Part 1

Format	Color
Hex	E099C9
RGB	224, 153, 201
RGB Percent	88%, 60%, 79%
CMY	0.1215, 0.4000, 0.2118
CMYK	0.00, 0.32, 0.10, 0.12
HSL	319°, 53%, 74%
HSV	319°, 32%, 88%
XYZ	52.6756, 42.8468, 60.7387
YIQ	179.7010, 26.9080, 29.9800

Conversions

Conversions Part 2

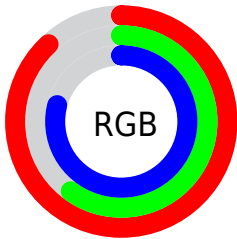
Format	Color
R_{YB}	224, 153, 201
Decimal	14719433
CIE _{Lab}	71.45, 33.76, -13.86
CIE _{LCh}	71, 36.494, 337.677
Yxy	42.8468, 0.3371, 0.2742
Android (android.graphics.Color)	4292909513 (0xFFE099C9)
YUV	179.7010, 10.5004, 38.8502
Hunter-Lab	65.4575, 29.0938, -9.1956

Details

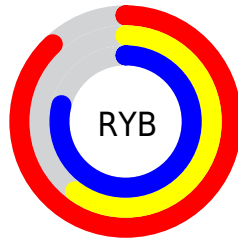
The Yxy color $42.8468, 0.3371, 0.2742$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $63.2283, 0.2947, 0.3911$, and the grayscale version is $45.4061, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.5918, 0.3149, 0.2831$, and $19.7388, 0.3437, 0.2602$ is the 20% darker color. If you saturate the color by 10%, you get $35.8572, 0.3475, 0.2568$, and if you desaturate by 10%, it is $51.2330, 0.3280, 0.2919$.

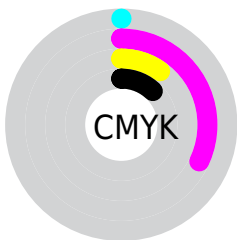
Distribution



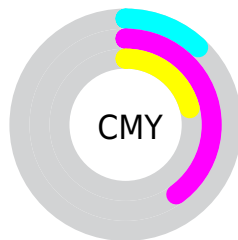
- Red (88%)
- Green (60%)
- Blue (79%)



- Red (88%)
- Yellow (60%)
- Blue (79%)



- Cyan (0%)
- Magenta (32%)
- Yellow (10%)
- Black (12%)





- Cyan (12%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8468, 0.3371, 0.2742 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 42.8468, 0.3371, 0.2742 by changing the saturation by 10% instead.

 42.8468, 0.3371,
0.2742

 42.8468, 0.3371,
0.2742


357.9814, 0.3253,
0.3007

 29.7649, 0.3399,
0.2679


 79.4796, 0.3329,
0.2836

 19.6602, 0.3434,
0.2599


 103.7994, 0.3313,
0.2872

 12.1483, 0.3480,
0.2495


132.6339, 0.3300,
0.2903

 6.8448, 0.3541,
0.2356

166.3675, 0.3288,
0.2929

 3.3652, 0.3628,
0.2159

205.3847, 0.3278,
0.2953

 1.3252, 0.3757,
0.1862

250.0698, 0.3269,

 0.1606, 0.4279,

0.2973

0.0698

300.8072, 0.3261,
0.2991

0.0000, 0.0000,
0.0000

42.8468, 0.3371,
0.2742

42.8468, 0.3371,
0.2742

35.8572, 0.3475,
0.2568

51.2330, 0.3280,
0.2919

30.1809, 0.3592,
0.2407

61.0813, 0.3203,
0.3094

25.7348, 0.3721,
0.2269

72.4602, 0.3137,
0.3262

22.4239, 0.3859,
0.2164

85.4321, 0.3082,
0.3421

20.1389, 0.4000,
0.2104

93.5026, 0.3037,
0.3470

■ 18.7491, 0.4141,
0.2093

■ 93.9368, 0.2997,
0.3395

■ 18.0954, 0.4255,
0.2117

■ 94.3884, 0.2958,
0.3321

■ 94.5898, 0.2941,
0.3289

Harmonies

Analogous

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



42.8468, 0.2844, 0.2518



42.8468, 0.3371, 0.2742



42.8468, 0.3864, 0.3089

Triad

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



42.8468, 0.3371, 0.2742



42.8468, 0.3821, 0.4180



42.8468, 0.2204, 0.2945

Complementary

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



42.8468, 0.3371, 0.2742



63.2283, 0.2947, 0.3911

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.



42.8468, 0.2422, 0.3448



42.8468, 0.3371, 0.2742



42.8468, 0.3344, 0.4225

Square

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



42.8468, 0.3371, 0.2742



42.8468, 0.4124, 0.3894



42.8468, 0.2832, 0.3949



42.8468, 0.2209, 0.2600

Rectangle

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



42.8468, 0.3371, 0.2742



42.8468, 0.4085, 0.3358



42.8468, 0.2832, 0.3949



42.8468, 0.2252, 0.3101

Sweetspot

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



42.8487, 0.3371, 0.2742



84.2743, 0.3191, 0.3122



37.3362, 0.2743, 0.2402



17.6015, 0.3201, 0.3098



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.



42.8487, 0.3371, 0.2742



51.1061, 0.3438, 0.2627



41.3866, 0.3717, 0.3138



13.8560, 0.3187, 0.3133



10.5531, 0.4235, 0.2106



0.7477, 0.4037, 0.1998

Inverse Universe

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



42.8487, 0.3371, 0.2742



51.1061, 0.3438, 0.2627



64.7951, 0.2746, 0.3451



13.8560, 0.3187, 0.3133



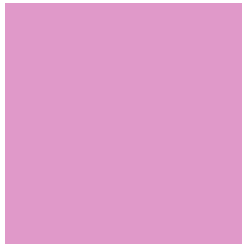
10.5531, 0.4235, 0.2106



0.7477, 0.4037, 0.1998

Previews

White Background



This preview shows how the Yxy color 42.8468, 0.3371, 0.2742 looks on a white background.

Color Contrast Check

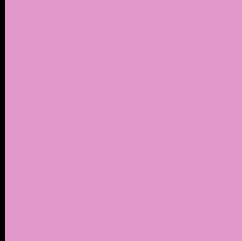
Large Text (above 18pt) WCAG AA × Fail

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 42.8468, 0.3371, 0.2742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

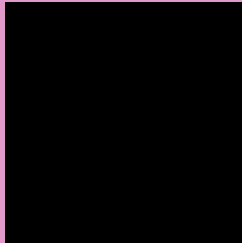
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.8468, 0.3371, 0.2742

Background



This preview shows how black text looks on a background with the Yxy color 42.8468, 0.3371, 0.2742.



This preview shows how white text looks on a background with the Yxy color 42.8468, 0.3371, 0.2742.

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

42.8468, 0.3371, 0.2742

Protanopia

43.2854, 0.2751, 0.2761

Deuteranopia

43.1481, 0.3004, 0.2943



Tritanopia

42.9522, 0.3611, 0.3148

Trichromacy



Original Color

42.8468, 0.3371, 0.2742



Protanomaly

42.4904, 0.2952, 0.2741



Deuteranomaly

42.5448, 0.3129, 0.2856



Tritanomaly

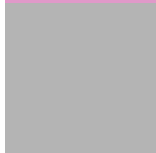
42.8635, 0.3517, 0.2996

Monochromacy



Original Color

42.8468, 0.3371, 0.2742



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

44.1161, 0.3210, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8468, 0.3371, 0.2742 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(224, 153, 201)` looks like.

```
.text, #text, p{  
    color:rgb(224, 153, 201)  
}
```

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(224, 153, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 153, 201) }
```

Border

The CSS property to change the border of an element to Yxy 42.8468, 0.3371, 0.2742 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(224, 153, 201) }
```

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

```
.border{ border-color:rgb(224, 153, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 153, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 153, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 153, 201);  
box-shadow:4px 4px 4px 4px rgb(224, 153,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8468, 0.3371, 0.2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 153, 201) }
```

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

```
.background{ background-color: rgb(224,  
153, 201) }
```

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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