

Converting Colors

Yxy(52.0533, 0.3129, 0.2717)

Have a look what the booklet for
Yxy(52.0533, 0.3129, 0.2717)
contains.

Yxy(52.0533, 0.3129, 0.2717)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.0533, 0.3129, 0.2717)

Conversions

Conversions Part 1

Format	Color
Hex	E0AFE3
RGB	224, 175, 227
RGB Percent	88%, 69%, 89%
CMY	0.1214, 0.3138, 0.1097
CMYK	0.01, 0.23, 0.00, 0.11
HSL	297°, 48%, 79%
HSV	297°, 23%, 89%
XYZ	59.9465, 52.0533, 79.5839
YIQ	195.5790, 12.5120, 26.5600

Conversions

Conversions Part 2

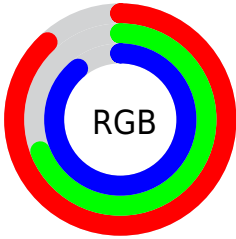
Format	Color
RYB	224, 175, 227
Decimal	14725091
CIELab	77.31, 26.58, -19.27
CIELCh	77, 32.833, 324.055
Yxy	52.0533, 0.3129, 0.2717
Android (android.graphics.Color)	4292915171 (0xFFE0AFE3)
YUV	195.5790, 15.4906, 24.9252
Hunter-Lab	72.1480, 22.0537, -14.8971

Details

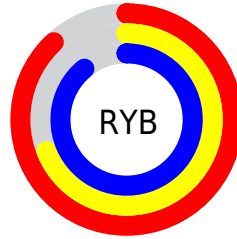
The Yxy color $52.0533, 0.3129, 0.2717$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $67.5142, 0.3117, 0.3929$, and the grayscale version is $54.8399, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6318, 0.3138, 0.3058$, and $25.2225, 0.3116, 0.2572$ is the 20% darker color. If you saturate the color by 10%, you get $43.7411, 0.3127, 0.2465$, and if you desaturate by 10%, it is $61.8573, 0.3129, 0.2971$.

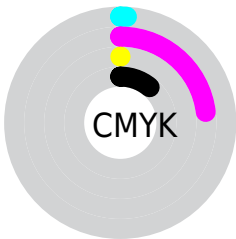
Distribution



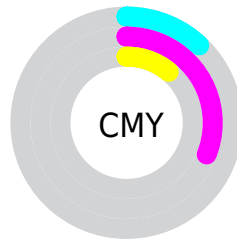
- Red (88%)
- Green (69%)
- Blue (89%)



- Red (88%)
- Yellow (69%)
- Blue (89%)



- Cyan (1%)
- Magenta (23%)
- Yellow (0%)
- Black (11%)





- Cyan (12%)
- Magenta (31%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0533, 0.3129, 0.2717 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 52.0533, 0.3129, 0.2717 by changing the saturation by 10% instead.


 52.0533, 0.3129,
0.2717

 52.0533, 0.3129,
0.2717


394.6423, 0.3133,
0.2985

 37.0476, 0.3127,
0.2655


 93.2098, 0.3132,
0.2810

 25.2443, 0.3123,
0.2579


120.1294, 0.3132,
0.2847

 16.2592, 0.3117,
0.2482


151.7891, 0.3133,
0.2878

 9.7077, 0.3108,
0.2354

188.5732, 0.3133,
0.2905

 5.2056, 0.3090,
0.2181

230.8662, 0.3133,
0.2929

 2.3684, 0.3057,
0.1932

279.0525, 0.3133,

 0.8096, 0.2982,

0.2950

0.1547

333.5164, 0.3133,
0.2968

0.0000, 0.2632,
0.0000

0.0000, 0.0000,
0.0000

52.0533, 0.3129,
0.2717

52.0533, 0.3129,
0.2717

43.7411, 0.3127,
0.2465

61.8573, 0.3129,
0.2971

36.8396, 0.3123,
0.2224

73.2153, 0.3128,
0.3219

31.2704, 0.3117,
0.2003

86.1944, 0.3125,
0.3457

26.9448, 0.3109,
0.1813

93.7698, 0.3128,
0.3575

■ 23.7632, 0.3099,
0.1661

■ 93.9862, 0.3136,
0.3575

■ 21.6108, 0.3087,
0.1553

■ 94.2041, 0.3144,
0.3574

■ 20.3487, 0.3073,
0.1487

■ 94.4238, 0.3152,
0.3573

■ 19.8366, 0.3063,
0.1461

■ 94.6450, 0.3160,
0.3573

■ 94.8679, 0.3169,
0.3572

Harmonies

Analogous

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



52.0533, 0.2712, 0.2586



52.0533, 0.3129, 0.2717



52.0533, 0.3575, 0.2976

Triad

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



52.0533, 0.3129, 0.2717



52.0533, 0.3859, 0.3959



52.0533, 0.2401, 0.3188

Complementary

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



52.0533, 0.3129, 0.2717



67.5142, 0.3117, 0.3929

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.



52.0533, 0.2673, 0.3625



52.0533, 0.3129, 0.2717



52.0533, 0.3512, 0.4090

Square

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



52.0533, 0.3129, 0.2717



52.0533, 0.4011, 0.3667



52.0533, 0.3076, 0.3973



52.0533, 0.2315, 0.2823

Rectangle

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



52.0533, 0.3129, 0.2717



52.0533, 0.3817, 0.3195



52.0533, 0.3076, 0.3973



52.0533, 0.2473, 0.3332

Sweetspot

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



52.0556, 0.3129, 0.2717



88.9407, 0.3128, 0.3118



46.6833, 0.2742, 0.2692



18.8433, 0.3129, 0.3103



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.



52.0556, 0.3129, 0.2717



61.8230, 0.3128, 0.2584



51.3739, 0.3339, 0.2959



14.5707, 0.3129, 0.3058



11.5829, 0.3066, 0.1462



0.8689, 0.3088, 0.1475

Inverse Universe

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



50.2050, 0.3571, 0.3257



58.9936, 0.3709, 0.3249



68.1247, 0.2960, 0.3647



14.3814, 0.3283, 0.3277



9.5468, 0.6338, 0.3265



0.7102, 0.6166, 0.3170

Previews

White Background



This preview shows how the Yxy color 52.0533, 0.3129, 0.2717 looks on a white background.

Color Contrast Check

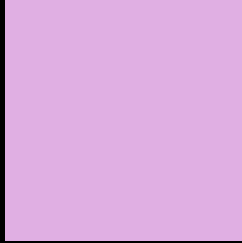
Large Text (above 18pt) WCAG AA × Fail

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 52.0533, 0.3129, 0.2717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

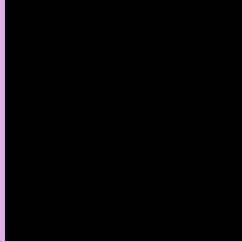
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0533, 0.3129, 0.2717

Background



This preview shows how black text looks on a background with the Yxy color 52.0533, 0.3129, 0.2717.



This preview shows how white text looks on a background with the Yxy color 52.0533, 0.3129, 0.2717.

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

52.0533, 0.3129, 0.2717

Protanopia

52.2129, 0.2725, 0.2720

Deuteranopia

52.4462, 0.2904, 0.2841



Tritanopia

52.0479, 0.3341, 0.3128

Trichromacy



Original Color

52.0533, 0.3129, 0.2717

Protanomaly

51.8999, 0.2863, 0.2721

Deuteranomaly

52.3371, 0.2981, 0.2795

Tritanomaly

52.1173, 0.3261, 0.2971

Monochromacy



Original Color

52.0533, 0.3129, 0.2717

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

53.5932, 0.3130, 0.3066

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0533, 0.3129, 0.2717 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, 175, 227)` looks like.

```
.text, #text, p{  
    color:rgb(224, 175, 227)  
}
```

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, 175, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 175, 227) }
```

Border

The CSS property to change the border of an element to Yxy 52.0533, 0.3129, 0.2717 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, 175, 227) }
```

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

```
.border{ border-color:rgb(224, 175, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 175, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 175, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 175, 227);  
box-shadow:4px 4px 4px 4px rgb(224, 175,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0533, 0.3129, 0.2717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 175, 227) }
```

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

```
.background{ background-color: rgb(224,  
175, 227) }
```

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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