

Converting Colors

$Y_{xy}(28.9537, 0.3113, 0.2452)$

Have a look what the booklet for
Yxy(28.9537, 0.3113, 0.2452)
contains.

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Color

Yxy(28.9537, 0.3113, 0.2452)

Conversions

Conversions Part 1

Format	Color
Hex	B97EBE
RGB	185, 126, 190
RGB Percent	73%, 49%, 75%
CMY	0.2746, 0.5058, 0.2549
CMYK	0.03, 0.34, 0.00, 0.25
HSL	295°, 33%, 62%
HSV	295°, 34%, 75%
XYZ	36.7589, 28.9537, 52.3694
YIQ	150.9370, 14.6200, 32.4120

Conversions

Conversions Part 2

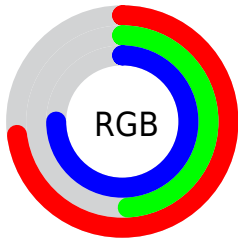
Format	Color
R _Y B	185, 126, 190
Decimal	12156606
CIE Lab	60.74, 33.51, -24.39
CIE LCh	61, 41.444, 323.952
Yxy	28.9537, 0.3113, 0.2452
Android (android.graphics.Color)	4290346686 (0xFFB97EBE)
YUV	150.9370, 19.2581, 29.8733
Hunter-Lab	53.8086, 27.7756, -20.0380

Details

The Yxy color **28.9537, 0.3113, 0.2452** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.1649, 0.3120, 0.4268**, and the grayscale version is **30.8312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1736, 0.3127, 0.2615**, and **11.7718, 0.3100, 0.2227** is the 20% darker color. If you saturate the color by 10%, you get **24.3631, 0.3104, 0.2211**, and if you desaturate by 10%, it is **34.4716, 0.3120, 0.2703**.

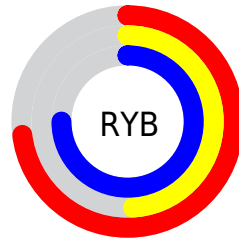
Distribution



Red (73%)

Green (49%)

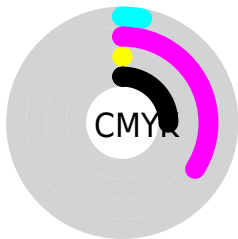
Blue (75%)



Red (73%)

Yellow (49%)

Blue (75%)

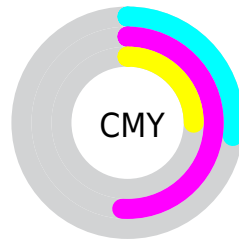


Cyan (3%)

Magenta (34%)

Yellow (0%)

Black (25%)



Cyan (27%)


Magenta (51%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9537, 0.3113, 0.2452 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 28.9537, 0.3113, 0.2452 by changing the saturation by 10% instead.


 28.9537, 0.3113,
0.2452


 28.9537, 0.3113,
0.2452


296.9964, 0.3132,
0.2874

 19.0458, 0.3104,
0.2347


 58.0035, 0.3123,
0.2605

 11.7034, 0.3091,
0.2212


 77.9142, 0.3125,
0.2663

 6.5420, 0.3068,
0.2035


 101.9280, 0.3127,
0.2712

 3.1774, 0.3028,
0.1791

130.4292, 0.3129,
0.2753

 1.2250, 0.2947,
0.1442

163.8022, 0.3130,
0.2790

 0.0820, 0.2956,
0.0270

202.4315, 0.3131,

 0.0000, 0.0000,

0.2821

0.0000

246.7015, 0.3131,
0.2849

■ 28.9537, 0.3113,
0.2452

■ 28.9537, 0.3113,
0.2452

■ 24.3631, 0.3104,
0.2211

■ 34.4716, 0.3120,
0.2703

■ 20.6437, 0.3092,
0.1990

■ 40.9613, 0.3124,
0.2955

■ 17.7391, 0.3078,
0.1798


■ 48.4691, 0.3127,
0.3202

■ 15.5846, 0.3062,
0.1644

■ 57.0369, 0.3128,
0.3438

■ 14.1060, 0.3044,
0.1532

■ 66.7045, 0.3127,
0.3659

 13.2136, 0.3025,
0.1462

 77.5097, 0.3126,
0.3864

 12.8407, 0.3012,
0.1433

 86.8972, 0.3126,
0.4014

 87.0977, 0.3135,
0.4012

 87.3001, 0.3144,
0.4010

Harmonies

Analogous

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



28.9537, 0.2495, 0.2262



28.9537, 0.3113, 0.2452



28.9537, 0.3806, 0.2815

Triad

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



28.9537, 0.3113, 0.2452



28.9537, 0.4218, 0.4266



28.9537, 0.2050, 0.3106

Complementary

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



28.9537, 0.3113, 0.2452



43.1649, 0.3120, 0.4268

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.



28.9537, 0.2432, 0.3814



28.9537, 0.3113, 0.2452



28.9537, 0.3680, 0.4528

Square

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



28.9537, 0.3113, 0.2452



28.9537, 0.4474, 0.3802



28.9537, 0.3025, 0.4384



28.9537, 0.1937, 0.2565

Rectangle

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



28.9537, 0.3113, 0.2452



28.9537, 0.4189, 0.3124



28.9537, 0.3025, 0.4384



28.9537, 0.2148, 0.3335

Sweetspot

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



28.9550, 0.3113, 0.2452



78.7925, 0.3125, 0.3043



24.4808, 0.2540, 0.2386



16.8899, 0.3125, 0.3007



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.9550, 0.3113, 0.2452



46.4968, 0.3107, 0.2283



28.5300, 0.3454, 0.2788



9.6571, 0.3125, 0.3063



8.5535, 0.3015, 0.1435



0.3465, 0.3064, 0.1462

Inverse Universe

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



27.5132, 0.3841, 0.3222



43.5531, 0.4063, 0.3209



43.5555, 0.2898, 0.3855



9.5482, 0.3276, 0.3272



7.3068, 0.6301, 0.3245



0.2904, 0.5949, 0.3051

Previews

White Background



This preview shows how the Yxy color 28.9537, 0.3113, 0.2452 looks on a white background.

Color Contrast Check

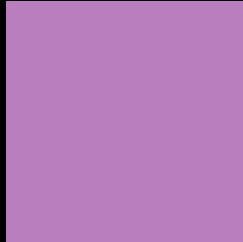
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9537, 0.3113, 0.2452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

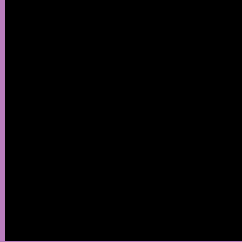
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9537, 0.3113, 0.2452

Background



This preview shows how black text looks on a background with the Yxy color 28.9537, 0.3113, 0.2452.



This preview shows how white text looks on a background with the Yxy color 28.9537, 0.3113, 0.2452.

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

28.9537, 0.3113, 0.2452

Protanopia

29.2776, 0.2495, 0.2429

Deuteranopia

29.1098, 0.2707, 0.2648



Tritanopia

28.9560, 0.3518, 0.3148

Trichromacy



Original Color

28.9537, 0.3113, 0.2452

Protanomaly

28.6900, 0.2686, 0.2424

Deuteranomaly

28.5901, 0.2840, 0.2558

Tritanomaly

28.8995, 0.3369, 0.2885

Monochromacy



Original Color

28.9537, 0.3113, 0.2452

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.8491, 0.3122, 0.2952

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9537, 0.3113, 0.2452 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(185, 126, 190)` looks like.

```
.text, #text, p{  
    color:rgb(185, 126, 190)  
}
```

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(185, 126, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 126, 190) }
```

Border

The CSS property to change the border of an element to Yxy 28.9537, 0.3113, 0.2452 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(185, 126, 190) }
```

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

```
.border{ border-color:rgb(185, 126, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 126, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 126, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 126, 190);  
box-shadow:4px 4px 4px 4px rgb(185, 126,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9537, 0.3113, 0.2452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 126, 190) }
```

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

```
.background{ background-color: rgb(185,  
126, 190) }
```

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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