

Converting Colors

Yxy(41.7398, 0.3098, 0.3117)

Have a look what the booklet for
Yxy(41.7398, 0.3098, 0.3117)
contains.

Yxy(41.7521, 0.3099, 0.3117)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.7521, 0.3099, 0.3117)

Conversions

Conversions Part 1	
Format	Color
Hex	B3AAB7
RGB	179, 170, 183
RGB Percent	70%, 67%, 72%
CMY	0.2981, 0.3333, 0.2822
CMYK	0.02, 0.07, 0.00, 0.28
HSL	281°, 8%, 69%
HSV	281°, 7%, 72%
XYZ	41.5110, 41.7521, 50.6865
YIQ	174.1730, 1.1910, 5.9510

Conversions

Conversions Part 2

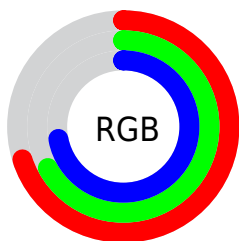
Format	Color
RYB	179, 170, 183
Decimal	11774647
CIELab	70.70, 5.65, -5.52
CIELCh	71, 7.899, 315.655
Yxy	41.7521, 0.3099, 0.3117
Android (android.graphics.Color)	4289964727 (0xFFB3AAB7)
YUV	174.1730, 4.3517, 4.2333
Hunter-Lab	64.6159, 1.5955, -1.2777

Details

The Yxy color $41.7521, 0.3099, 0.3117$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.7874, 0.3153, 0.3465$, and the grayscale version is $42.3980, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.7446, 0.3106, 0.3146$, and $19.0042, 0.3088, 0.3070$ is the 20% darker color. If you saturate the color by 10%, you get $34.6979, 0.3053, 0.2861$, and if you desaturate by 10%, it is $49.7933, 0.3138, 0.3358$.

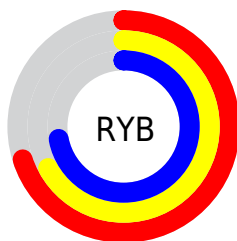
Distribution



Red (70%)

Green (67%)

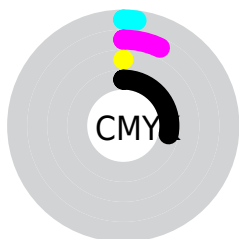
Blue (72%)



Red (70%)

Yellow (67%)

Blue (72%)

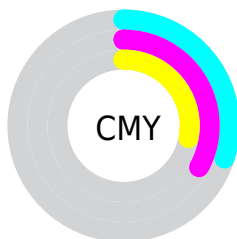


Cyan (2%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (30%)


Magenta (33%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.7521, 0.3099, 0.3117 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 41.7521, 0.3099, 0.3117 by changing the saturation by 10% instead.


 41.7521, 0.3099,
0.3117

 41.7521, 0.3099,
0.3117


353.4543, 0.3114,
0.3204

 28.9072, 0.3095,
0.3095

 77.8243, 0.3105,
0.3149

 19.0107, 0.3090,
0.3067


101.8204, 0.3107,
0.3161

 11.6780, 0.3083,
0.3029


130.3024, 0.3108,
0.3171

 6.5248, 0.3073,
0.2975

163.6547, 0.3110,
0.3179

 3.1667, 0.3056,
0.2894

202.2616, 0.3111,
0.3187

 1.2194, 0.3026,
0.2757

246.5076, 0.3112,


 0.0775, 0.2786,


0.3193


0.1020

296.7770, 0.3113,
0.3199


 0.0000, 0.0000,
0.0000


 41.7521, 0.3099,
0.3117


 41.7521, 0.3099,
0.3117


 34.6979, 0.3053,
0.2861


 49.7933, 0.3138,
0.3358


 28.5856, 0.2999,
0.2593

 58.8535, 0.3169,
0.3580


 23.3750, 0.2936,
0.2321


 68.9696, 0.3195,
0.3784


 19.0202, 0.2866,
0.2053


 80.1754, 0.3216,
0.3969

 15.4719, 0.2789,
0.1799


 88.2701, 0.3240,
0.4075

 12.6750, 0.2707,
0.1572


 89.1074, 0.3276,
0.4066


 10.5677, 0.2623,
0.1383

 89.9746, 0.3313,
0.4057

 9.0780, 0.2540,
0.1239

 90.8720, 0.3351,
0.4048

 8.1035, 0.2459,
0.1141

 91.7999, 0.3388,
0.4039

Harmonies

Analogous

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



41.7521, 0.2993, 0.3096



41.7521, 0.3099, 0.3117



41.7521, 0.3214, 0.3182

Triad

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



41.7521, 0.3099, 0.3117



41.7521, 0.3334, 0.3454



41.7521, 0.2950, 0.3301

Complementary

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



41.7521, 0.3099, 0.3117



45.7874, 0.3153, 0.3465

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.



41.7521, 0.3038, 0.3401



41.7521, 0.3099, 0.3117



41.7521, 0.3261, 0.3490

Square

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



41.7521, 0.3099, 0.3117



41.7521, 0.3352, 0.3375



41.7521, 0.3152, 0.3471



41.7521, 0.2908, 0.3199

Rectangle

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



41.7521, 0.3099, 0.3117



41.7521, 0.3281, 0.3243



41.7521, 0.3152, 0.3471



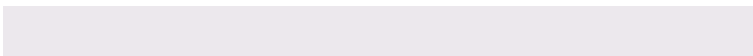
41.7521, 0.2975, 0.3336

Sweetspot

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



41.7539, 0.3099, 0.3117



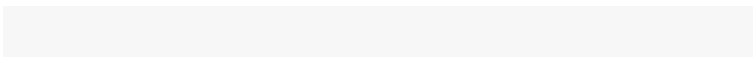
81.8430, 0.3119, 0.3241



42.2901, 0.3020, 0.3169



18.1102, 0.3120, 0.3244



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.7539, 0.3099, 0.3117



72.0434, 0.3090, 0.3066



42.1450, 0.3155, 0.3150



9.0188, 0.3089, 0.3061



5.5209, 0.2446, 0.1121



0.2258, 0.2650, 0.1233

Inverse Universe

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



41.8818, 0.3211, 0.3236



72.3409, 0.3238, 0.3221



45.4201, 0.3100, 0.3434



9.0570, 0.3240, 0.3219



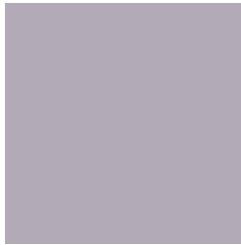
7.2397, 0.5690, 0.2908



0.2667, 0.4940, 0.2495

Previews

White Background



This preview shows how the Yxy color 41.7521, 0.3099, 0.3117 looks on a white background.

Color Contrast Check

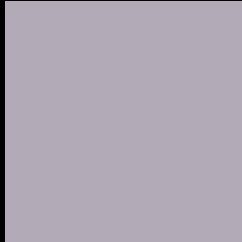
Large Text (above 18pt) WCAG AA × Fail

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 41.7521, 0.3099, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

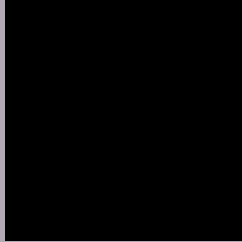
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

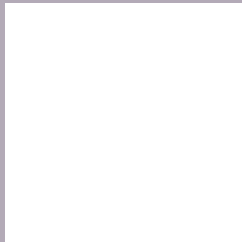
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.7521, 0.3099, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 41.7521, 0.3099, 0.3117.



This preview shows how white text looks on a background with the Yxy color 41.7521, 0.3099, 0.3117.

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

41.7521, 0.3099, 0.3117

Protanopia

41.8500, 0.3038, 0.3128

Deuteranopia

41.7384, 0.3155, 0.3094



Tritanopia

41.7521, 0.3099, 0.3117

Trichromacy



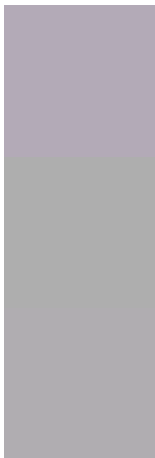
Original Color
41.7521, 0.3099, 0.3117

Protanomaly
41.7005, 0.3056, 0.3116

Deuteranomaly
41.8621, 0.3136, 0.3106

Tritanomaly
41.7521, 0.3099, 0.3117

Monochromacy



Original Color
41.7521, 0.3099, 0.3117

Achromatopsia
42.3268, 0.3127, 0.3290

Achromatomaly
42.2916, 0.3121, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7521, 0.3099, 0.3117 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(179, 170, 183)` looks like.

```
.text, #text, p{  
    color:rgb(179, 170, 183)  
}
```

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(179, 170, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 170, 183) }
```

Border

The CSS property to change the border of an element to Yxy 41.7521, 0.3099, 0.3117 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(179, 170, 183) }
```

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

```
.border{ border-color:rgb(179, 170, 183) }
```

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

Here you see how a box with a 4 pixel rgb(179, 170, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 170, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 170, 183);  
box-shadow:4px 4px 4px 4px rgb(179, 170,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7521, 0.3099, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 170, 183) }
```

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

```
.background{ background-color: rgb(179,  
170, 183) }
```

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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