

Converting Colors

$Y_{xy}(24.9461, 0.3697, 0.3034)$

Have a look what the booklet for
Yxy(24.9461, 0.3697, 0.3034)
contains.

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Color

Yxy(24.9449, 0.3697, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	B67789
RGB	182, 119, 137
RGB Percent	71%, 47%, 54%
CMY	0.2864, 0.5332, 0.4628
CMYK	0.00, 0.35, 0.25, 0.29
HSL	343°, 30%, 59%
HSV	343°, 35%, 71%
XYZ	30.3959, 24.9449, 26.8770
YIQ	139.8890, 31.7700, 18.9540

Conversions

Conversions Part 2

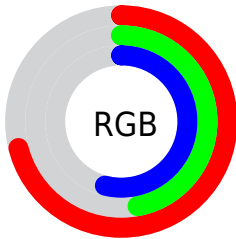
Format	Color
R_{YB}	182, 119, 137
Decimal	11958153
CIE _{Lab}	57.02, 27.17, 0.44
CIE _{LCh}	57, 27.178, 0.927
Yxy	24.9449, 0.3697, 0.3034
Android (android.graphics.Color)	4290148233 (0xFFB67789)
YUV	139.8890, -1.4243, 36.9313
Hunter-Lab	49.9449, 21.2298, 3.0555

Details

The Yxy color $24.9449, 0.3697, 0.3034$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $40.0430, 0.2764, 0.3566$, and the grayscale version is $26.1772, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.5735, 0.3577, 0.3093$, and $9.5336, 0.3927, 0.2936$ is the 20% darker color. If you saturate the color by 10%, you get $20.6697, 0.3946, 0.2960$, and if you desaturate by 10%, it is $30.0966, 0.3490, 0.3111$.

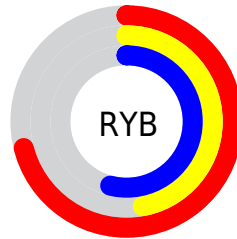
Distribution



Red (71%)

Green (47%)

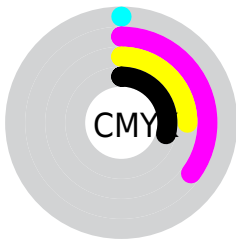
Blue (54%)



Red (71%)

Yellow (47%)

Blue (54%)

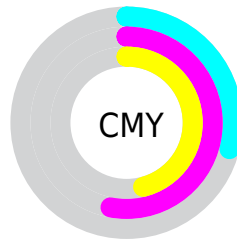


Cyan (0%)

Magenta (35%)

Yellow (25%)

Black (29%)



Cyan (29%)


Magenta (53%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9449, 0.3697, 0.3034 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 24.9449, 0.3697, 0.3034 by changing the saturation by 10% instead.


 24.9449, 0.3697,
0.3034


 24.9449, 0.3697,
0.3034


277.5634, 0.3382,
0.3176


 16.0360, 0.3787,
0.2993


 51.5678, 0.3575,
0.3089

 9.5496, 0.3911,
0.2937


 70.0506, 0.3531,
0.3109

 5.1014, 0.4091,
0.2855

 92.4936, 0.3495,
0.3125

 2.3069, 0.4375,
0.2725

119.2810, 0.3466,
0.3138

 0.7773, 0.4909,
0.2484

150.7973, 0.3440,
0.3150

 0.0000, 1.0000,
0.0000

187.4268, 0.3418,

 0.0000, 0.0000,

0.3160

0.0000

229.5541, 0.3399,
0.3168

■ 24.9449, 0.3697,
0.3034

■ 24.9449, 0.3697,
0.3034

■ 20.6697, 0.3946,
0.2960

■ 30.0966, 0.3490,
0.3111

■ 17.2184, 0.4240,
0.2896

■ 36.1665, 0.3320,
0.3187

■ 14.5383, 0.4576,
0.2850


■ 43.1979, 0.3182,
0.3259

■ 12.5688, 0.4941,
0.2835


■ 51.2302, 0.3069,
0.3326

■ 11.2406, 0.5309,
0.2860


■ 60.3006, 0.2977,
0.3387


 10.4696, 0.5646,
0.2929

 70.4445, 0.2901,
0.3444

 10.1876, 0.5811,
0.2975

 81.6956, 0.2839,
0.3495

 87.8111, 0.2779,
0.3441

 88.6161, 0.2715,
0.3299

Harmonies

Analogous

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



24.9449, 0.3238, 0.2739



24.9449, 0.3697, 0.3034



24.9449, 0.4002, 0.3398

Triad

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



24.9449, 0.3697, 0.3034



24.9449, 0.3430, 0.4135



24.9449, 0.2281, 0.2729

Complementary

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



24.9449, 0.3697, 0.3034



40.0430, 0.2764, 0.3566

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.



24.9449, 0.2323, 0.3079



24.9449, 0.3697, 0.3034



24.9449, 0.2966, 0.3949

Square

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



24.9449, 0.3697, 0.3034



24.9449, 0.3830, 0.4046



24.9449, 0.2566, 0.3540



24.9449, 0.2440, 0.2557

Rectangle

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



24.9449, 0.3697, 0.3034



24.9449, 0.4063, 0.3647



24.9449, 0.2566, 0.3540



24.9449, 0.2272, 0.2827

Sweetspot

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



24.9461, 0.3697, 0.3034



71.0162, 0.3256, 0.3219



24.3706, 0.2960, 0.2392



15.2976, 0.3276, 0.3209



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.



24.9461, 0.3697, 0.3034



38.8302, 0.3896, 0.2973



27.6705, 0.3868, 0.3474



9.0533, 0.3244, 0.3225



7.2080, 0.5781, 0.2958



0.2651, 0.5026, 0.2543

Inverse Universe

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



24.9461, 0.3697, 0.3034



38.8302, 0.3896, 0.2973



35.8143, 0.2620, 0.3096



9.0533, 0.3244, 0.3225



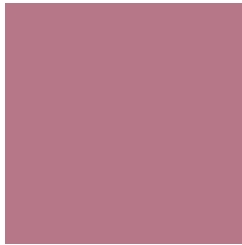
7.2080, 0.5781, 0.2958



0.2651, 0.5026, 0.2543

Previews

White Background



This preview shows how the Yxy color 24.9449, 0.3697, 0.3034 looks on a white background.

Color Contrast Check

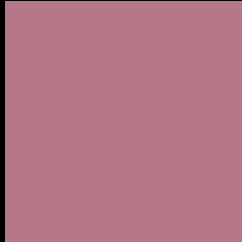
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9449, 0.3697, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

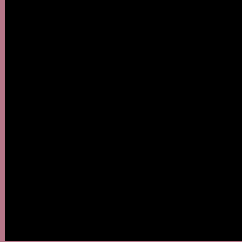
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9449, 0.3697, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 24.9449, 0.3697, 0.3034.



This preview shows how white text looks on a background with the Yxy color 24.9449, 0.3697, 0.3034.

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

24.9449, 0.3697, 0.3034

Protanopia

25.0333, 0.3027, 0.3107

Deuteranopia

25.1036, 0.3313, 0.3258



Tritanopia

24.8417, 0.3784, 0.3162

Trichromacy



Original Color

24.9449, 0.3697, 0.3034

Protanomaly

24.7207, 0.3252, 0.3083

Deuteranomaly

24.8973, 0.3442, 0.3166

Tritanomaly

24.9226, 0.3746, 0.3118

Monochromacy



Original Color

24.9449, 0.3697, 0.3034

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.3352, 0.3317, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9449, 0.3697, 0.3034 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(182, 119, 137)` looks like.

```
.text, #text, p{  
    color:rgb(182, 119, 137)  
}
```

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(182, 119, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 119, 137) }
```

Border

The CSS property to change the border of an element to Yxy 24.9449, 0.3697, 0.3034 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(182, 119, 137) }
```

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

```
.border{ border-color:rgb(182, 119, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 119, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 119, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 119, 137);  
box-shadow:4px 4px 4px 4px rgb(182, 119,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9449, 0.3697, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 119, 137) }
```

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

```
.background{ background-color: rgb(182,  
119, 137) }
```

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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