

Converting Colors

$Y_{xy}(24.2584, 0.3502, 0.2869)$

Have a look what the booklet for
Yxy(24.2584, 0.3502, 0.2869)
contains.

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Color

Yxy(24.2936, 0.3502, 0.2869)

Conversions

Conversions Part 1

Format	Color
Hex	B07693
RGB	176, 118, 147
RGB Percent	69%, 46%, 58%
CMY	0.3097, 0.5373, 0.4235
CMYK	0.00, 0.33, 0.16, 0.31
HSL	330°, 27%, 58%
HSV	330°, 33%, 69%
XYZ	29.6536, 24.2936, 30.7290
YIQ	138.6480, 25.2590, 21.3150

Conversions

Conversions Part 2

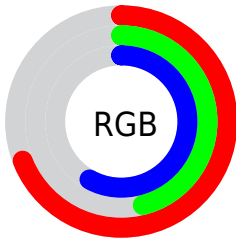
Format	Color
R _Y B	176, 118, 147
Decimal	11564691
CIE Lab	56.38, 27.13, -6.39
CIE LCh	56, 27.875, 346.740
Yxy	24.2936, 0.3502, 0.2869
Android (android.graphics.Color)	4289754771 (0xFFB07693)
YUV	138.6480, 4.1175, 32.7577
Hunter-Lab	49.2885, 21.1365, -2.4624

Details

The Yxy color **24.2936, 0.3502, 0.2869** is a light color, and the websafe version is hex **996699**. A complement of this color would be **37.0193, 0.2868, 0.3756**, and the grayscale version is **25.6538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4987, 0.3418, 0.2956**, and **9.2383, 0.3639, 0.2741** is the 20% darker color. If you saturate the color by 10%, you get **20.2630, 0.3665, 0.2739**, and if you desaturate by 10%, it is **29.1212, 0.3364, 0.3001**.

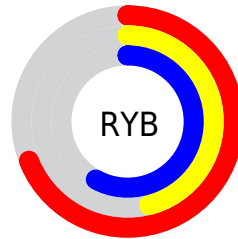
Distribution



Red (69%)

Green (46%)

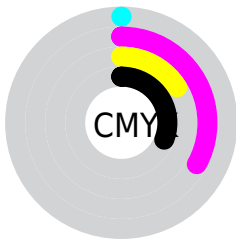
Blue (58%)



Red (69%)

Yellow (46%)

Blue (58%)

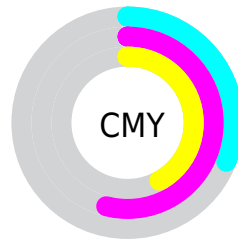


Cyan (0%)

Magenta (33%)

Yellow (16%)

Black (31%)



Cyan (31%)


Magenta (54%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2936, 0.3502, 0.2869 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 24.2936, 0.3502, 0.2869 by changing the saturation by 10% instead.

 24.2936, 0.3502,
0.2869

 24.2936, 0.3502,
0.2869


274.3015, 0.3298,
0.3096


 15.5516, 0.3559,
0.2807


 50.5089, 0.3423,
0.2955

 9.2074, 0.3637,
0.2723


 68.7509, 0.3395,
0.2987

 4.8767, 0.3750,
0.2604


 90.9284, 0.3372,
0.3012

 2.1751, 0.3924,
0.2423

117.4258, 0.3352,
0.3034

 0.7064, 0.4247,
0.2089

148.6273, 0.3336,
0.3053

 0.0000, 0.9634,
0.0000

184.9176, 0.3321,

 0.0000, 0.0000,

0.3069

0.0000

226.6808, 0.3309,
0.3083

■ 24.2936, 0.3502,
0.2869

■ 24.2936, 0.3502,
0.2869

■ 20.2630, 0.3665,
0.2739

■ 29.1212, 0.3364,
0.3001

■ 16.9825, 0.3853,
0.2620

■ 34.7827, 0.3249,
0.3131

■ 14.4053, 0.4066,
0.2520


■ 41.3166, 0.3152,
0.3255

■ 12.4780, 0.4298,
0.2453


■ 48.7583, 0.3073,
0.3371

■ 11.1394, 0.4542,
0.2430

■ 57.1409, 0.3007,
0.3479

 10.3166, 0.4785,
0.2459

 66.4960, 0.2952,
0.3578

 9.9374, 0.4953,
0.2502

 76.8537, 0.2907,
0.3669

 85.7856, 0.2867,
0.3713

 86.2574, 0.2822,
0.3610

Harmonies

Analogous

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



24.2936, 0.3008, 0.2619



24.2936, 0.3502, 0.2869



24.2936, 0.3912, 0.3218

Triad

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



24.2936, 0.3502, 0.2869



24.2936, 0.3650, 0.4153



24.2936, 0.2248, 0.2859

Complementary

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



24.2936, 0.3502, 0.2869



37.0193, 0.2868, 0.3756

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.



24.2936, 0.2391, 0.3290



24.2936, 0.3502, 0.2869



24.2936, 0.3186, 0.4101

Square

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



24.2936, 0.3502, 0.2869



24.2936, 0.3989, 0.3949



24.2936, 0.2727, 0.3769



24.2936, 0.2315, 0.2592

Rectangle

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



24.2936, 0.3502, 0.2869



24.2936, 0.4064, 0.3475



24.2936, 0.2727, 0.3769



24.2936, 0.2273, 0.2988

Sweetspot

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



24.2947, 0.3502, 0.2869



66.2113, 0.3220, 0.3166



22.2945, 0.2844, 0.2406



14.0112, 0.3234, 0.3149



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



24.2947, 0.3502, 0.2869



38.2746, 0.3625, 0.2768



23.4960, 0.3875, 0.3292



8.5737, 0.3211, 0.3177



7.3007, 0.4929, 0.2489



0.2415, 0.4328, 0.2158

Inverse Universe

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



24.2947, 0.3502, 0.2869



38.2746, 0.3625, 0.2768



38.0477, 0.2666, 0.3289



8.5737, 0.3211, 0.3177



7.3007, 0.4929, 0.2489



0.2415, 0.4328, 0.2158

Previews

White Background



This preview shows how the Yxy color 24.2936, 0.3502, 0.2869 looks on a white background.

Color Contrast Check

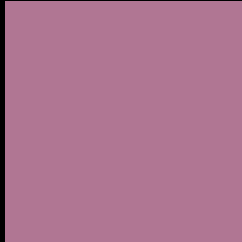
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2936, 0.3502, 0.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

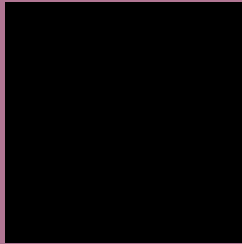
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2936, 0.3502, 0.2869

Background



This preview shows how black text looks on a background with the Yxy color 24.2936, 0.3502, 0.2869.



This preview shows how white text looks on a background with the Yxy color 24.2936, 0.3502, 0.2869.

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

24.2936, 0.3502, 0.2869

Protanopia

24.3098, 0.2867, 0.2908

Deuteranopia

24.5666, 0.3137, 0.3078



Tritanopia

24.2851, 0.3682, 0.3157

Trichromacy



Original Color

24.2936, 0.3502, 0.2869

Protanomaly

23.9413, 0.3078, 0.2889

Deuteranomaly

24.3220, 0.3258, 0.2992

Tritanomaly

24.3245, 0.3622, 0.3055

Monochromacy



Original Color

24.2936, 0.3502, 0.2869

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.8610, 0.3250, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2936, 0.3502, 0.2869 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(176, 118, 147)` looks like.

```
.text, #text, p{  
    color:rgb(176, 118, 147)  
}
```

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(176, 118, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 118, 147) }
```

Border

The CSS property to change the border of an element to Yxy 24.2936, 0.3502, 0.2869 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(176, 118, 147) }
```

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

```
.border{ border-color:rgb(176, 118, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 118, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 118, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 118, 147);  
box-shadow:4px 4px 4px 4px rgb(176, 118,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2936, 0.3502, 0.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 118, 147) }
```

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

```
.background{ background-color: rgb(176,  
118, 147) }
```

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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