

Converting Colors

$Y_{xy}(26.9156, 0.3497, 0.2980)$

Have a look what the booklet for
Yxy(26.9156, 0.3497, 0.2980)
contains.

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Color

Yxy(26.9324, 0.3492, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	B37F95
RGB	179, 127, 149
RGB Percent	70%, 50%, 58%
CMY	0.2981, 0.5019, 0.4157
CMYK	0.00, 0.29, 0.17, 0.30
HSL	335°, 25%, 60%
HSV	335°, 29%, 70%
XYZ	31.6021, 26.9324, 31.9641
YIQ	145.0560, 23.9300, 17.8660

Conversions

Conversions Part 2

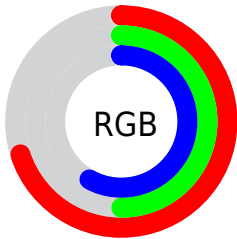
Format	Color
RYB	179, 127, 149
Decimal	11763605
CIELab	58.91, 23.49, -3.76
CIELCh	59, 23.792, 350.897
Yxy	26.9324, 0.3492, 0.2976
Android (android.graphics.Color)	4289953685 (0xFFB37F95)
YUV	145.0560, 1.9444, 29.7689
Hunter-Lab	51.8964, 17.8781, -0.1905

Details

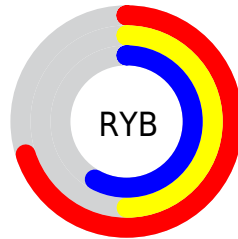
The Yxy color **26.9324, 0.3492, 0.2976** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.1829, 0.2867, 0.3629**, and the grayscale version is **28.3244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6165, 0.3413, 0.3038**, and **10.5496, 0.3623, 0.2870** is the 20% darker color. If you saturate the color by 10%, you get **22.3979, 0.3670, 0.2864**, and if you desaturate by 10%, it is **32.3200, 0.3343, 0.3088**.

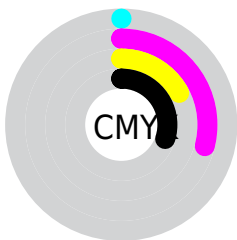
Distribution



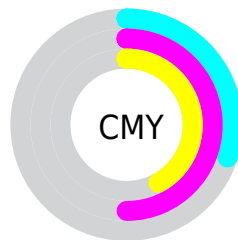
- Red (70%)
- Green (50%)
- Blue (58%)



- Red (70%)
- Yellow (50%)
- Blue (58%)



- Cyan (0%)
- Magenta (29%)
- Yellow (17%)
- Black (30%)




- Cyan (30%)
- Magenta (50%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9324, 0.3492, 0.2976 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 26.9324, 0.3492, 0.2976 by changing the saturation by 10% instead.


 26.9324, 0.3492,
0.2976

 26.9324, 0.3492,
0.2976


287.3297, 0.3295,
0.3144


 17.5225, 0.3547,
0.2930


 54.7754, 0.3416,
0.3040

 10.6077, 0.3621,
0.2868


 73.9772, 0.3389,
0.3063

 5.8037, 0.3727,
0.2781


 97.2118, 0.3367,
0.3082

 2.7261, 0.3891,
0.2649

124.8635, 0.3348,
0.3099

 0.9905, 0.4175,
0.2426

157.3167, 0.3331,
0.3112

 0.0000, 0.7767,
0.0000

194.9559, 0.3318,

 0.0000, 0.0000,

0.3124

0.0000

238.1654, 0.3305,
0.3135

■ 26.9324, 0.3492,
0.2976

■ 26.9324, 0.3492,
0.2976

■ 22.3979, 0.3670,
0.2864

■ 32.3200, 0.3343,
0.3088

■ 18.6684, 0.3880,
0.2758

■ 38.5979, 0.3220,
0.3197

■ 15.6971, 0.4122,
0.2667

■ 45.8057, 0.3118,
0.3300


■ 13.4303, 0.4393,
0.2603


■ 53.9794, 0.3035,
0.3395


■ 11.8075, 0.4682,
0.2579


■ 63.1532, 0.2966,
0.3483


 10.7578, 0.4973,
0.2603


 73.3596, 0.2909,
0.3564

 10.1512, 0.5252,
0.2674

 84.6296, 0.2862,
0.3638

 10.1000, 0.5278,
0.2681

 86.9071, 0.2811,
0.3548

 87.5102, 0.2759,
0.3431

Harmonies

Analogous

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



26.9324, 0.3088, 0.2749



26.9324, 0.3492, 0.2976



26.9324, 0.3807, 0.3280

Triad

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



26.9324, 0.3492, 0.2976



26.9324, 0.3516, 0.4007



26.9324, 0.2389, 0.2899

Complementary

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



26.9324, 0.3492, 0.2976



39.1829, 0.2867, 0.3629

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.



26.9324, 0.2487, 0.3241



26.9324, 0.3492, 0.2976



26.9324, 0.3126, 0.3924

Square

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



26.9324, 0.3492, 0.2976



26.9324, 0.3814, 0.3876



26.9324, 0.2751, 0.3631



26.9324, 0.2470, 0.2692

Rectangle

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



26.9324, 0.3492, 0.2976



26.9324, 0.3912, 0.3498



26.9324, 0.2751, 0.3631



26.9324, 0.2402, 0.3001

Sweetspot

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



26.9336, 0.3492, 0.2976



69.0022, 0.3221, 0.3196



25.5501, 0.2921, 0.2527



14.9061, 0.3238, 0.3180



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



26.9336, 0.3492, 0.2976



42.7541, 0.3605, 0.2902



27.2071, 0.3743, 0.3342



8.5629, 0.3223, 0.3194



7.1506, 0.5249, 0.2665



0.2368, 0.4543, 0.2276

Inverse Universe

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



26.9336, 0.3492, 0.2976



42.7541, 0.3605, 0.2902



38.6311, 0.2708, 0.3237



8.5629, 0.3223, 0.3194



7.1506, 0.5249, 0.2665



0.2368, 0.4543, 0.2276

Previews

White Background



This preview shows how the Yxy color 26.9324, 0.3492, 0.2976 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 26.9324, 0.3492, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

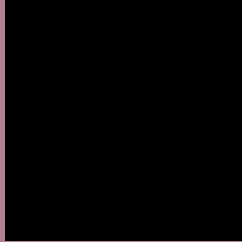
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9324, 0.3492, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 26.9324, 0.3492, 0.2976.



This preview shows how white text looks on a background with the Yxy color 26.9324, 0.3492, 0.2976.

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

26.9324, 0.3492, 0.2976

Protanopia

27.0938, 0.2953, 0.3018

Deuteranopia

27.1536, 0.3211, 0.3149



Tritanopia

27.0296, 0.3593, 0.3146

Trichromacy



Original Color

26.9324, 0.3492, 0.2976

Protanomaly

26.8449, 0.3130, 0.2996

Deuteranomaly

26.9748, 0.3306, 0.3078

Tritanomaly

26.8865, 0.3549, 0.3074

Monochromacy



Original Color

26.9324, 0.3492, 0.2976

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.4204, 0.3254, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9324, 0.3492, 0.2976 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, 127, 149)` looks like.

```
.text, #text, p{  
    color:rgb(179, 127, 149)  
}
```

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, 127, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 127, 149) }
```

Border

The CSS property to change the border of an element to Yxy 26.9324, 0.3492, 0.2976 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, 127, 149) }
```

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

```
.border{ border-color:rgb(179, 127, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 127, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 127, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 127, 149); box-shadow:4px 4px 4px 4px rgb(179, 127, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9324, 0.3492, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 127, 149) }
```

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

```
.background{ background-color: rgb(179,  
127, 149) }
```

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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