

Converting Colors

$Yxy(29.4244, 0.3823, 0.3989)$

Have a look what the booklet for
Yxy(29.4244, 0.3823, 0.3989)
contains.

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Color

Yxy(29.5849, 0.3816, 0.3989)

Conversions

Conversions Part 1

Format	Color
Hex	A69264
RGB	166, 146, 100
RGB Percent	65%, 57%, 39%
CMY	0.3491, 0.4274, 0.6078
CMYK	0.00, 0.12, 0.40, 0.35
HSL	42°, 27%, 52%
HSV	42°, 40%, 65%
XYZ	28.3018, 29.5849, 16.2795
YIQ	146.7360, 26.6860, -10.0660

Conversions

Conversions Part 2

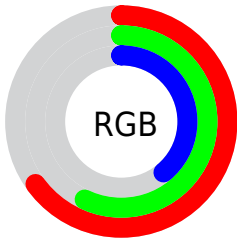
Format	Color
R_{YB}	129, 166, 100
Decimal	10916452
CIE _{Lab}	61.29, 0.72, 27.12
CIE _{LCh}	61, 27.125, 88.483
Yxy	29.5849, 0.3816, 0.3989
Android (android.graphics.Color)	4289106532 (0xFFA69264)
YUV	146.7360, -23.0408, 16.8945
Hunter-Lab	54.3920, -2.3070, 20.3290

Details

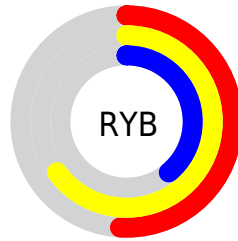
The Yxy color $29.5849, 0.3816, 0.3989$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $18.8909, 0.2466, 0.2471$, and the grayscale version is $29.1517, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.0725, 0.3680, 0.3857$, and $12.1244, 0.4044, 0.4222$ is the 20% darker color. If you saturate the color by 10%, you get $27.7818, 0.4014, 0.4158$, and if you desaturate by 10%, it is $31.5243, 0.3624, 0.3811$.

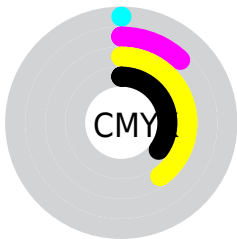
Distribution



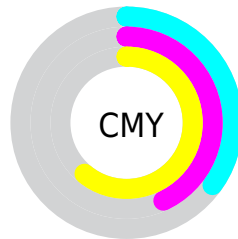
- Red (65%)
- Green (57%)
- Blue (39%)



- Red (51%)
- Yellow (65%)
- Blue (39%)



- Cyan (0%)
- Magenta (12%)
- Yellow (40%)
- Black (35%)





- Cyan (35%)
- Magenta (43%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5849, 0.3816, 0.3989 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 29.5849, 0.3816, 0.3989 by changing the saturation by 10% instead.


 29.5849, 0.3816,
0.3989


 29.5849, 0.3816,
0.3989


299.9648, 0.3450,
0.3619

 19.5237, 0.3912,
0.4086


 59.0051, 0.3679,
0.3851


 12.0493, 0.4038,
0.4211


 79.1329, 0.3628,
0.3800

 6.7773, 0.4205,
0.4378


 103.3851, 0.3586,
0.3757

 3.3232, 0.4449,
0.4618

 132.1460, 0.3551,
0.3721

 1.3027, 0.4919,
0.5081

165.8000, 0.3520,
0.3690

 0.1433, 0.5176,
0.4824

204.7315, 0.3494,

 0.0000, 0.0000,

0.3663

0.0000

249.3250, 0.3471,
0.3640

■ 29.5849, 0.3816,
0.3989

■ 29.5849, 0.3816,
0.3989

■ 27.7818, 0.4014,
0.4158

■ 31.5243, 0.3624,
0.3811

■ 26.1059, 0.4212,
0.4307

■ 33.6005, 0.3444,
0.3631

■ 24.5535, 0.4401,
0.4427

■ 35.8189, 0.3276,
0.3455

■ 23.1184, 0.4573,
0.4508

■ 38.1835, 0.3123,
0.3286

■ 21.7940, 0.4720,
0.4542

■ 40.6983, 0.2985,
0.3127

■ 20.5663, 0.4841,
0.4536

■ 43.3667, 0.2861,
0.2979

■ 20.5353, 0.4845,
0.4535

■ 46.1922, 0.2750,
0.2842

■ 49.1782, 0.2651,
0.2716

■ 52.3278, 0.2562,
0.2601

Harmonies

Analogous

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



29.5849, 0.4001, 0.3715



29.5849, 0.3816, 0.3989



29.5849, 0.3449, 0.4087

Triad

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



29.5849, 0.3816, 0.3989



29.5849, 0.2378, 0.3127



29.5849, 0.3196, 0.2749

Complementary

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



29.5849, 0.3816, 0.3989



18.8909, 0.2466, 0.2471

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.



29.5849, 0.2768, 0.2598



29.5849, 0.3816, 0.3989



29.5849, 0.2321, 0.2783

Square

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



29.5849, 0.3816, 0.3989



29.5849, 0.2624, 0.3561



29.5849, 0.2458, 0.2603



29.5849, 0.3633, 0.3023

Rectangle

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



29.5849, 0.3816, 0.3989



29.5849, 0.3158, 0.4013



29.5849, 0.2458, 0.2603



29.5849, 0.3046, 0.2683

Sweetspot

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



29.5863, 0.3816, 0.3989



64.0045, 0.3316, 0.3498



18.6002, 0.3782, 0.2965



14.2100, 0.3337, 0.3519



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



29.5863, 0.3816, 0.3989



50.7062, 0.3997, 0.4144



35.0424, 0.3585, 0.4296



8.3848, 0.3269, 0.3447



16.0141, 0.4837, 0.4541



0.4731, 0.4581, 0.4745

Inverse Universe

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



18.8909, 0.2466, 0.2471



28.4952, 0.2301, 0.2240



15.3220, 0.2536, 0.2142



7.6570, 0.2986, 0.3128



3.9938, 0.1620, 0.1033



0.1860, 0.1808, 0.1708

Previews

White Background



This preview shows how the Yxy color 29.5849, 0.3816, 0.3989 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 29.5849, 0.3816, 0.3989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

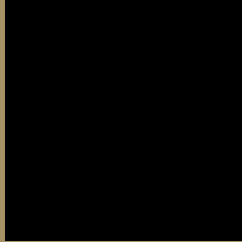
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5849, 0.3816, 0.3989

Background



This preview shows how black text looks on a background with the Yxy color 29.5849, 0.3816, 0.3989.



This preview shows how white text looks on a background with the Yxy color 29.5849, 0.3816, 0.3989.

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

29.5849, 0.3816, 0.3989

Protanopia

29.5930, 0.3727, 0.4020

Deuteranopia

29.6327, 0.3956, 0.3887



Tritanopia

29.6161, 0.3363, 0.3144

Trichromacy



Original Color

29.5849, 0.3816, 0.3989

Protanomaly

29.4884, 0.3755, 0.4000

Deuteranomaly

29.4687, 0.3904, 0.3912

Tritanomaly

29.4470, 0.3529, 0.3441

Monochromacy



Original Color

29.5849, 0.3816, 0.3989

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.3492, 0.3370, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5849, 0.3816, 0.3989 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(166, 146, 100)` looks like.

```
.text, #text, p{  
    color:rgb(166, 146, 100)  
}
```

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(166, 146, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 146, 100) }
```

Border

The CSS property to change the border of an element to Yxy 29.5849, 0.3816, 0.3989 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(166, 146, 100) }
```

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

```
.border{ border-color:rgb(166, 146, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 146, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 146, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 146, 100);  
box-shadow:4px 4px 4px 4px rgb(166, 146,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5849, 0.3816, 0.3989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 146, 100) }
```

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

```
.background{ background-color: rgb(166,  
146, 100) }
```

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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