

Converting Colors

$Y_{xy}(29.7518, 0.3425, 0.3451)$

Have a look what the booklet for
Yxy(29.7518, 0.3425, 0.3451)
contains.

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Color

Yxy(29.7866, 0.3422, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	A39187
RGB	163, 145, 135
RGB Percent	64%, 57%, 53%
CMY	0.3609, 0.4313, 0.4706
CMYK	0.00, 0.11, 0.17, 0.36
HSL	22°, 13%, 58%
HSV	22°, 17%, 64%
XYZ	29.5963, 29.7866, 27.1055
YIQ	149.2420, 13.9380, 0.7060

Conversions

Conversions Part 2

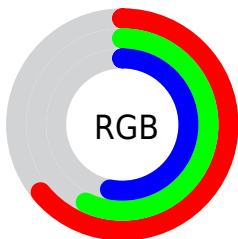
Format	Color
RYB	163, 151, 135
Decimal	10719623
CIELab	61.47, 4.98, 7.75
CIElCh	61, 9.215, 57.303
Yxy	29.7866, 0.3422, 0.3444
Android (android.graphics.Color)	4288909703 (0xFFA39187)
YUV	149.2420, -7.0213, 12.0658
Hunter-Lab	54.5771, 1.2879, 8.7579

Details

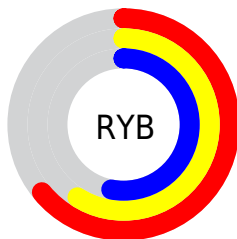
The Yxy color **29.7866, 0.3422, 0.3444** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5526, 0.2867, 0.3131**, and the grayscale version is **30.1865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3831, 0.3362, 0.3418**, and **12.2198, 0.3530, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **26.3141, 0.3634, 0.3540**, and if you desaturate by 10%, it is **33.6260, 0.3241, 0.3352**.

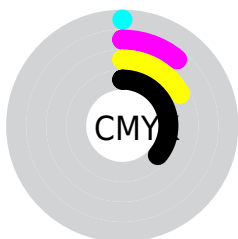
Distribution



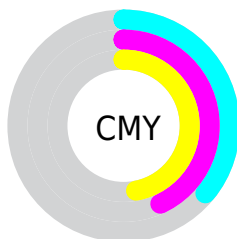
- Red (64%)
- Green (57%)
- Blue (53%)



- Red (64%)
- Yellow (59%)
- Blue (53%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)
- Black (36%)





- Cyan (36%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7866, 0.3422, 0.3444 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 29.7866, 0.3422, 0.3444 by changing the saturation by 10% instead.


 29.7866, 0.3422,
0.3444


 29.7866, 0.3422,
0.3444


300.9085, 0.3263,
0.3363


 19.6767, 0.3466,
0.3466


 59.3245, 0.3361,
0.3413

 12.1602, 0.3526,
0.3495


 79.5213, 0.3339,
0.3402

 6.8529, 0.3611,
0.3534


 103.8492, 0.3321,
0.3393

 3.3703, 0.3741,
0.3593

132.6925, 0.3306,
0.3385

 1.3280, 0.3971,
0.3692

166.4357, 0.3293,
0.3378

 0.1627, 0.6293,
0.3707

205.4632, 0.3281,

 0.0000, 0.0000,

0.3372

0.0000

250.1593, 0.3271,
0.3367

■ 29.7866, 0.3422,
0.3444

■ 29.7866, 0.3422,
0.3444

■ 26.3141, 0.3634,
0.3540

■ 33.6260, 0.3241,
0.3352

■ 23.1935, 0.3879,
0.3637

■ 37.8388, 0.3086,
0.3266

■ 20.4143, 0.4158,
0.3729

■ 42.4365, 0.2954,
0.3187

■ 17.9643, 0.4468,
0.3810

■ 47.4288, 0.2841,
0.3114

■ 15.8302, 0.4800,
0.3868

■ 52.8251, 0.2744,
0.3047

■ 13.9979, 0.5136,
0.3892

■ 58.6344, 0.2661,
0.2986

■ 12.4519, 0.5451,
0.3870

■ 64.8655, 0.2590,
0.2930

■ 11.1729, 0.5721,
0.3802

■ 70.8417, 0.2577,
0.2989

■ 10.8531, 0.5794,
0.3781

■ 76.7893, 0.2594,
0.3110

Harmonies

Analogous

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



29.7866, 0.3395, 0.3321



29.7866, 0.3422, 0.3444



29.7866, 0.3368, 0.3530

Triad

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



29.7866, 0.3422, 0.3444



29.7866, 0.2960, 0.3387



29.7866, 0.3001, 0.3041

Complementary

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



29.7866, 0.3422, 0.3444



30.5526, 0.2867, 0.3131

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.



29.7866, 0.2890, 0.3052



29.7866, 0.3422, 0.3444



29.7866, 0.2867, 0.3249

Square

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



29.7866, 0.3422, 0.3444



29.7866, 0.3100, 0.3500



29.7866, 0.2841, 0.3127



29.7866, 0.3149, 0.3093

Rectangle

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



29.7866, 0.3422, 0.3444



29.7866, 0.3294, 0.3553



29.7866, 0.2841, 0.3127



29.7866, 0.2958, 0.3037

Sweetspot

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



29.7879, 0.3422, 0.3444



61.7621, 0.3206, 0.3334



27.4122, 0.3248, 0.3016



13.7614, 0.3217, 0.3340



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



29.7879, 0.3422, 0.3444



50.6681, 0.3507, 0.3484



34.2477, 0.3389, 0.3646



7.4823, 0.3276, 0.3371



8.5184, 0.5778, 0.3794



0.2661, 0.5124, 0.4313

Inverse Universe

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



30.5526, 0.2867, 0.3131



52.3234, 0.2803, 0.3087



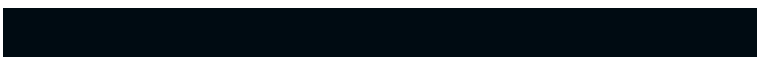
26.3108, 0.2857, 0.2907



7.5819, 0.2987, 0.3208



9.9240, 0.1915, 0.2095



0.2930, 0.2050, 0.2579

Previews

White Background



This preview shows how the Yxy color 29.7866, 0.3422, 0.3444 looks on a white background.

Color Contrast Check

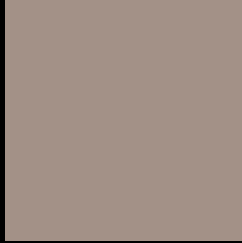
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7866, 0.3422, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

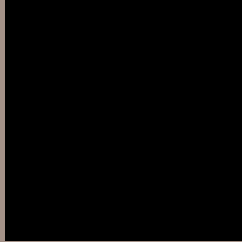
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7866, 0.3422, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 29.7866, 0.3422, 0.3444.



This preview shows how white text looks on a background with the Yxy color 29.7866, 0.3422, 0.3444.

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

29.7866, 0.3422, 0.3444

Protanopia

29.8560, 0.3298, 0.3463

Deuteranopia

29.7190, 0.3483, 0.3411



Tritanopia

29.6452, 0.3263, 0.3127

Trichromacy



Original Color

29.7866, 0.3422, 0.3444

Protanomaly

29.8131, 0.3342, 0.3462

Deuteranomaly

29.8028, 0.3458, 0.3427

Tritanomaly

29.6128, 0.3323, 0.3245

Monochromacy



Original Color

29.7866, 0.3422, 0.3444

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.0635, 0.3228, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7866, 0.3422, 0.3444 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(163, 145, 135)` looks like.

```
.text, #text, p{  
    color:rgb(163, 145, 135)  
}
```

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(163, 145, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 145, 135) }
```

Border

The CSS property to change the border of an element to Yxy 29.7866, 0.3422, 0.3444 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(163, 145, 135) }
```

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

```
.border{ border-color:rgb(163, 145, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 145, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 145, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 145, 135);  
box-shadow:4px 4px 4px 4px rgb(163, 145,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7866, 0.3422, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 145, 135) }
```

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

```
.background{ background-color: rgb(163,  
145, 135) }
```

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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