

Converting Colors

$Y_{xy}(29.9140, 0.3411, 0.3332)$

Have a look what the booklet for
Yxy(29.9140, 0.3411, 0.3332)
contains.

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Color

Yxy(29.7835, 0.3408, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	A78F8D
RGB	167, 143, 141
RGB Percent	65%, 56%, 55%
CMY	0.3452, 0.4392, 0.4471
CMYK	0.00, 0.14, 0.16, 0.35
HSL	5°, 13%, 60%
HSV	5°, 16%, 65%
XYZ	30.5637, 29.7835, 29.3351
YIQ	149.9480, 14.9460, 4.4660

Conversions

Conversions Part 2

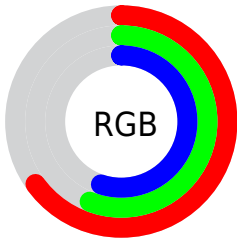
Format	Color
R_{YB}	167, 143, 141
Decimal	10981261
CIE _{Lab}	61.47, 8.64, 4.39
CIE _{LCh}	61, 9.694, 26.932
Yxy	29.7835, 0.3408, 0.3321
Android (android.graphics.Color)	4289171341 (0xFFA78F8D)
YUV	149.9480, -4.4114, 14.9546
Hunter-Lab	54.5743, 4.4621, 6.3321

Details

The Yxy color $29.7835, 0.3408, 0.3321$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $35.3513, 0.2895, 0.3259$, and the grayscale version is $30.4903, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.4022, 0.3343, 0.3313$, and $12.2289, 0.3509, 0.3334$ is the 20% darker color. If you saturate the color by 10%, you get $25.0125, 0.3643, 0.3343$, and if you desaturate by 10%, it is $35.2673, 0.3217, 0.3301$.

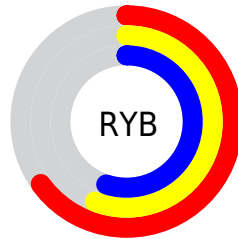
Distribution



Red (65%)

Green (56%)

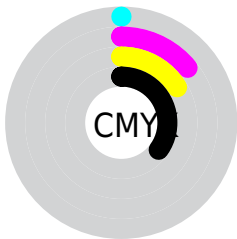
Blue (55%)



Red (65%)

Yellow (56%)

Blue (55%)

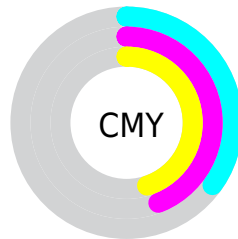


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (35%)



Cyan (35%)


Magenta (44%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7835, 0.3408, 0.3321 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 29.7835, 0.3408, 0.3321 by changing the saturation by 10% instead.


 29.7835, 0.3408,
0.3321


 29.7835, 0.3408,
0.3321


300.8940, 0.3256,
0.3306

 19.6743, 0.3450,
0.3325


 59.3196, 0.3350,
0.3316

 12.1585, 0.3507,
0.3329


 79.5154, 0.3329,
0.3314

 6.8517, 0.3588,
0.3335


 103.8421, 0.3312,
0.3312

 3.3695, 0.3713,
0.3341

132.6841, 0.3297,
0.3310

 1.3276, 0.3930,
0.3347

166.4260, 0.3285,
0.3309

 0.1624, 0.6923,
0.3077

205.4520, 0.3274,

 0.0000, 0.0000,


0.3308

0.0000


250.1465, 0.3265,
0.3307

 29.7835, 0.3408,
0.3321


 29.7835, 0.3408,
0.3321


 25.0125, 0.3643,
0.3343

 35.2673, 0.3217,
0.3301


 20.9211, 0.3930,
0.3364


 41.4871, 0.3062,
0.3282

 17.4796, 0.4275,
0.3385

 48.4703, 0.2936,
0.3265

 14.6546, 0.4676,
0.3401

 56.2416, 0.2833,
0.3249

 12.4096, 0.5120,
0.3410

 64.8244, 0.2748,
0.3235

■ 10.7043, 0.5568,
0.3406

■ 74.2415, 0.2677,
0.3223

■ 9.4931, 0.5962,
0.3388

■ 84.3271, 0.2632,
0.3243

■ 8.7226, 0.6242,
0.3357

■ 86.9538, 0.2638,
0.3289

■ 8.5003, 0.6337,
0.3351

Harmonies

Analogous

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



29.7835, 0.3301, 0.3188



29.7835, 0.3408, 0.3321



29.7835, 0.3438, 0.3450

Triad

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



29.7835, 0.3408, 0.3321



29.7835, 0.3100, 0.3512



29.7835, 0.2876, 0.3040

Complementary

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



29.7835, 0.3408, 0.3321



35.3513, 0.2895, 0.3259

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.



29.7835, 0.2826, 0.3119



29.7835, 0.3408, 0.3321



29.7835, 0.2953, 0.3394

Square

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



29.7835, 0.3408, 0.3321



29.7835, 0.3257, 0.3566



29.7835, 0.2854, 0.3249



29.7835, 0.2993, 0.3028

Rectangle

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



29.7835, 0.3408, 0.3321



29.7835, 0.3409, 0.3517



29.7835, 0.2854, 0.3249



29.7835, 0.2851, 0.3060

Sweetspot

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



29.7848, 0.3408, 0.3321



63.6713, 0.3209, 0.3300



29.9881, 0.3162, 0.2938



14.0898, 0.3221, 0.3301



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.



29.7848, 0.3408, 0.3321



49.9750, 0.3491, 0.3329



33.8208, 0.3380, 0.3508



7.6323, 0.3284, 0.3308



6.5368, 0.6328, 0.3358



0.1873, 0.6027, 0.3596

Inverse Universe

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



35.3513, 0.2895, 0.3259



62.0459, 0.2841, 0.3251



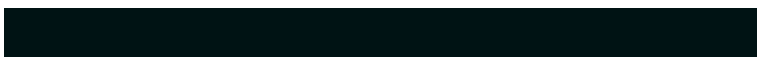
30.9920, 0.2888, 0.3062



8.4311, 0.2987, 0.3272



19.8659, 0.2181, 0.3050



0.5116, 0.2204, 0.3135

Previews

White Background



This preview shows how the Yxy color 29.7835, 0.3408, 0.3321 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 29.7835, 0.3408, 0.3321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

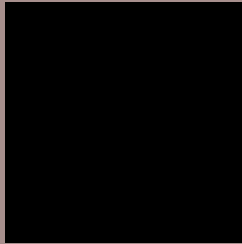
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7835, 0.3408, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 29.7835, 0.3408, 0.3321.



This preview shows how white text looks on a background with the Yxy color 29.7835, 0.3408, 0.3321.

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

29.7835, 0.3408, 0.3321

Protanopia

29.8688, 0.3207, 0.3353

Deuteranopia

29.6750, 0.3397, 0.3321



Tritanopia

29.6416, 0.3307, 0.3128

Trichromacy



Original Color

29.7835, 0.3408, 0.3321

Protanomaly

29.7090, 0.3273, 0.3337

Deuteranomaly

29.6750, 0.3397, 0.3321

Tritanomaly

29.8090, 0.3348, 0.3202

Monochromacy



Original Color

29.7835, 0.3408, 0.3321

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.0419, 0.3221, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7835, 0.3408, 0.3321 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(167, 143, 141)` looks like.

```
.text, #text, p{  
    color:rgb(167, 143, 141)  
}
```

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(167, 143, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 143, 141) }
```

Border

The CSS property to change the border of an element to Yxy 29.7835, 0.3408, 0.3321 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(167, 143, 141) }
```

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

```
.border{ border-color:rgb(167, 143, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 143, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 143, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 143, 141);  
box-shadow:4px 4px 4px 4px rgb(167, 143,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7835, 0.3408, 0.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 143, 141) }
```

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

```
.background{ background-color: rgb(167,  
143, 141) }
```

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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