

Converting Colors

$Y_{xy}(28.9438, 0.3298, 0.3179)$

Have a look what the booklet for
Yxy(28.9438, 0.3298, 0.3179)
contains.

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Color

Yxy(28.9744, 0.3295, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	A38D94
RGB	163, 141, 148
RGB Percent	64%, 55%, 58%
CMY	0.3607, 0.4471, 0.4197
CMYK	0.00, 0.14, 0.09, 0.36
HSL	341°, 11%, 60%
HSV	341°, 14%, 64%
XYZ	29.9751, 28.9744, 32.0219
YIQ	148.3760, 10.8650, 6.8410

Conversions

Conversions Part 2

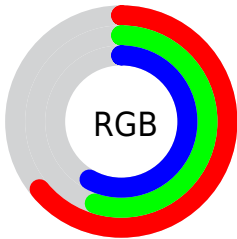
Format	Color
R _Y B	163, 141, 148
Decimal	10718612
CIE Lab	60.76, 9.48, -0.66
CIE LCh	61, 9.503, 356.023
Yxy	28.9744, 0.3295, 0.3185
Android (android.graphics.Color)	4288908692 (0xFFA38D94)
YUV	148.3760, -0.1854, 12.8252
Hunter-Lab	53.8279, 5.2024, 2.4082

Details

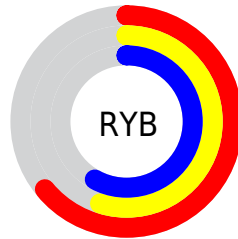
The Yxy color $28.9744, 0.3295, 0.3185$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $34.2632, 0.2984, 0.3398$, and the grayscale version is $29.7777, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.1999, 0.3259, 0.3210$, and $11.7247, 0.3357, 0.3161$ is the 20% darker color. If you saturate the color by 10%, you get $24.1812, 0.3452, 0.3102$, and if you desaturate by 10%, it is $34.5116, 0.3166, 0.3264$.

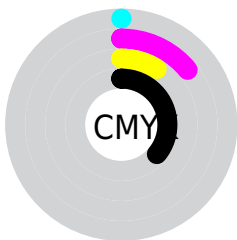
Distribution



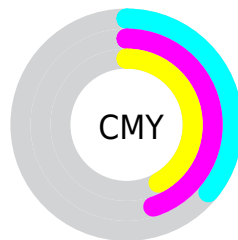
- Red (64%)
- Green (55%)
- Blue (58%)



- Red (64%)
- Yellow (55%)
- Blue (58%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (36%)




- Cyan (36%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9744, 0.3295, 0.3185 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 28.9744, 0.3295, 0.3185 by changing the saturation by 10% instead.


 28.9744, 0.3295,
0.3185


 28.9744, 0.3295,
0.3185


297.0942, 0.3205,
0.3242

 19.0615, 0.3320,
0.3169


 58.0364, 0.3260,
0.3207

 11.7147, 0.3354,
0.3148


 77.9543, 0.3248,
0.3214

 6.5497, 0.3402,
0.3118


 101.9759, 0.3238,
0.3221

 3.1821, 0.3477,
0.3073

130.4856, 0.3229,
0.3226

 1.2275, 0.3606,
0.2993

163.8680, 0.3221,
0.3231

 0.0840, 0.5842,
0.1577

202.5072, 0.3215,

 0.0000, 0.0000,

0.3235

0.0000

246.7878, 0.3209,
0.3238

■ 28.9744, 0.3295,
0.3185

■ 28.9744, 0.3295,
0.3185

■ 24.1812, 0.3452,
0.3102

■ 34.5116, 0.3166,
0.3264

■ 20.0965, 0.3643,
0.3017

■ 40.8189, 0.3061,
0.3337

■ 16.6875, 0.3872,
0.2935

■ 47.9256, 0.2975,
0.3405

■ 13.9172, 0.4142,
0.2861

■ 55.8585, 0.2904,
0.3467

■ 11.7454, 0.4452,
0.2805

■ 64.6431, 0.2846,
0.3523

■ 10.1268, 0.4792,
0.2778

■ 74.3039, 0.2798,
0.3575

■ 9.0098, 0.5143,
0.2791

■ 84.7936, 0.2757,
0.3620

■ 8.3330, 0.5476,
0.2850

■ 85.4243, 0.2703,
0.3491

■ 8.0331, 0.5677,
0.2901

■ 86.0955, 0.2651,
0.3364

Harmonies

Analogous

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



28.9744, 0.3143, 0.3081



28.9744, 0.3295, 0.3185



28.9744, 0.3403, 0.3317

Triad

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



28.9744, 0.3295, 0.3185



28.9744, 0.3260, 0.3563



28.9744, 0.2829, 0.3124

Complementary

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



28.9744, 0.3295, 0.3185



34.2632, 0.2984, 0.3398

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.



28.9744, 0.2859, 0.3253



28.9744, 0.3295, 0.3185



28.9744, 0.3105, 0.3512

Square

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



28.9744, 0.3295, 0.3185



28.9744, 0.3382, 0.3537



28.9744, 0.2959, 0.3397



28.9744, 0.2876, 0.3044

Rectangle

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



28.9744, 0.3295, 0.3185



28.9744, 0.3434, 0.3405



28.9744, 0.2959, 0.3397



28.9744, 0.2830, 0.3163

Sweetspot

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



28.9757, 0.3295, 0.3185



61.1938, 0.3173, 0.3259



28.7307, 0.3066, 0.2957



13.5729, 0.3182, 0.3254



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.



28.9757, 0.3295, 0.3185



49.3543, 0.3336, 0.3162



29.8612, 0.3361, 0.3346



7.1213, 0.3237, 0.3219



6.2496, 0.5653, 0.2888



0.1396, 0.4690, 0.2357

Inverse Universe

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



28.9757, 0.3295, 0.3185



49.3543, 0.3336, 0.3162



33.2226, 0.2925, 0.3233



7.1213, 0.3237, 0.3219



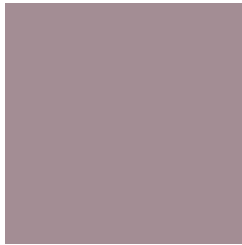
6.2496, 0.5653, 0.2888



0.1396, 0.4690, 0.2357

Previews

White Background



This preview shows how the Yxy color 28.9744, 0.3295, 0.3185 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 28.9744, 0.3295, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

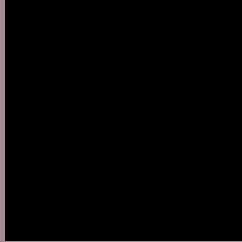
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9744, 0.3295, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 28.9744, 0.3295, 0.3185.



This preview shows how white text looks on a background with the Yxy color 28.9744, 0.3295, 0.3185.

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

28.9744, 0.3295, 0.3185

Protanopia

29.0880, 0.3100, 0.3211

Deuteranopia

28.9577, 0.3261, 0.3199



Tritanopia

28.7771, 0.3265, 0.3125

Trichromacy



Original Color

28.9744, 0.3295, 0.3185

Protanomaly

28.9208, 0.3163, 0.3197

Deuteranomaly

29.0612, 0.3271, 0.3199

Tritanomaly

28.7447, 0.3275, 0.3140

Monochromacy



Original Color

28.9744, 0.3295, 0.3185

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.1612, 0.3182, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9744, 0.3295, 0.3185 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, 141, 148)` looks like.

```
.text, #text, p{  
    color:rgb(163, 141, 148)  
}
```

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, 141, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 141, 148) }
```

Border

The CSS property to change the border of an element to Yxy 28.9744, 0.3295, 0.3185 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, 141, 148) }
```

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

```
.border{ border-color:rgb(163, 141, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 141, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 141, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 141, 148);  
box-shadow:4px 4px 4px 4px rgb(163, 141,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9744, 0.3295, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 141, 148) }
```

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

```
.background{ background-color: rgb(163,  
141, 148) }
```

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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