

Converting Colors

$Y_{xy}(28.9989, 0.3318, 0.3382)$

Have a look what the booklet for
Yxy(28.9989, 0.3318, 0.3382)
contains.

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Color

Yxy(28.9496, 0.3327, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	9D908A
RGB	157, 144, 138
RGB Percent	62%, 56%, 54%
CMY	0.3844, 0.4352, 0.4588
CMYK	0.00, 0.08, 0.12, 0.38
HSL	19°, 9%, 58%
HSV	19°, 12%, 62%
XYZ	28.4620, 28.9496, 28.1369
YIQ	147.2030, 9.6740, 0.8900

Conversions

Conversions Part 2

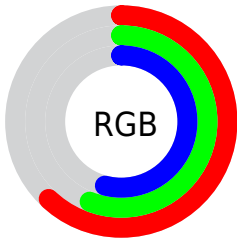
Format	Color
R _Y B	157, 147, 138
Decimal	10326154
CIE Lab	60.74, 3.75, 4.92
CIE LCh	61, 6.182, 52.668
Yxy	28.9496, 0.3327, 0.3384
Android (android.graphics.Color)	4288516234 (0xFF9D908A)
YUV	147.2030, -4.5371, 8.5920
Hunter-Lab	53.8048, 0.2654, 6.6581

Details

The Yxy color $28.9496, 0.3327, 0.3384$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.9624, 0.2945, 0.3194$, and the grayscale version is $29.2817, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.1468, 0.3291, 0.3372$, and $11.7742, 0.3406, 0.3426$ is the 20% darker color. If you saturate the color by 10%, you get $25.4306, 0.3525, 0.3467$, and if you desaturate by 10%, it is $32.8458, 0.3159, 0.3306$.

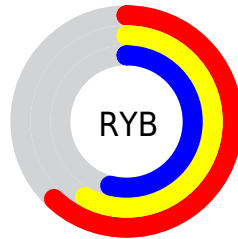
Distribution



Red (62%)

Green (56%)

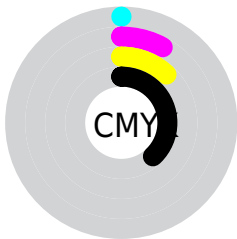
Blue (54%)



Red (62%)

Yellow (58%)

Blue (54%)

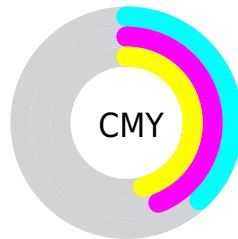


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (38%)



Cyan (38%)


Magenta (44%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9496, 0.3327, 0.3384 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 28.9496, 0.3327, 0.3384 by changing the saturation by 10% instead.


 28.9496, 0.3327,
0.3384


 28.9496, 0.3327,
0.3384


296.9771, 0.3219,
0.3334


 19.0427, 0.3357,
0.3398


 57.9970, 0.3285,
0.3365

 11.7011, 0.3398,
0.3416


 77.9063, 0.3271,
0.3358

 6.5405, 0.3457,
0.3441


 101.9185, 0.3258,
0.3352

 3.1764, 0.3548,
0.3479

130.4180, 0.3248,
0.3348

 1.2245, 0.3707,
0.3543

163.7892, 0.3239,
0.3344

 0.0816, 0.6745,
0.3255

202.4166, 0.3231,

 0.0000, 0.0000,

0.3340

0.0000

246.6844, 0.3225,
0.3337

■ 28.9496, 0.3327,
0.3384

■ 28.9496, 0.3327,
0.3384

■ 25.4306, 0.3525,
0.3467

■ 32.8458, 0.3159,
0.3306

■ 22.2737, 0.3758,
0.3553

■ 37.1264, 0.3016,
0.3233

■ 19.4682, 0.4028,
0.3637

■ 41.8029, 0.2895,
0.3166

■ 17.0014, 0.4334,
0.3714

■ 46.8855, 0.2793,
0.3105

■ 14.8599, 0.4672,
0.3776

■ 52.3837, 0.2705,
0.3049

■ 13.0292, 0.5028,
0.3810

■ 58.3069, 0.2630,
0.2998

■ 11.4937, 0.5376,
0.3806

■ 64.6641, 0.2565,
0.2951

■ 10.2362, 0.5685,
0.3757

■ 70.8982, 0.2549,
0.3001

■ 9.4184, 0.5899,
0.3698

■ 77.0506, 0.2567,
0.3126

Harmonies

Analogous

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



28.9496, 0.3300, 0.3299



28.9496, 0.3327, 0.3384



28.9496, 0.3299, 0.3446

Triad

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



28.9496, 0.3327, 0.3384



28.9496, 0.3028, 0.3369



28.9496, 0.3028, 0.3118

Complementary

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



28.9496, 0.3327, 0.3384



29.9624, 0.2945, 0.3194

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.



28.9496, 0.2957, 0.3134



28.9496, 0.3327, 0.3384



28.9496, 0.2957, 0.3278

Square

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



28.9496, 0.3327, 0.3384



28.9496, 0.3125, 0.3439



28.9496, 0.2931, 0.3192



28.9496, 0.3127, 0.3147

Rectangle

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



28.9496, 0.3327, 0.3384



28.9496, 0.3254, 0.3466



28.9496, 0.2931, 0.3192



28.9496, 0.3000, 0.3118

Sweetspot

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



28.9509, 0.3327, 0.3384



57.3970, 0.3190, 0.3321



27.5896, 0.3199, 0.3086



12.5178, 0.3202, 0.3326



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.9509, 0.3327, 0.3384



50.4293, 0.3368, 0.3402



31.8424, 0.3310, 0.3524



6.9717, 0.3277, 0.3361



7.7127, 0.5885, 0.3709



0.2092, 0.5187, 0.4264

Inverse Universe

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



29.9624, 0.2945, 0.3194



52.5382, 0.2912, 0.3175



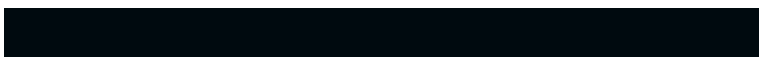
27.1257, 0.2942, 0.3045



7.1551, 0.2988, 0.3218



10.6406, 0.1957, 0.2245



0.2625, 0.2087, 0.2712

Previews

White Background



This preview shows how the Yxy color 28.9496, 0.3327, 0.3384 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 28.9496, 0.3327, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

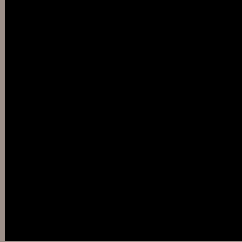
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9496, 0.3327, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 28.9496, 0.3327, 0.3384.



This preview shows how white text looks on a background with the Yxy color 28.9496, 0.3327, 0.3384.

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

28.9496, 0.3327, 0.3384

Protanopia

29.0012, 0.3249, 0.3401

Deuteranopia

29.0735, 0.3409, 0.3352



Tritanopia

29.0168, 0.3199, 0.3123

Trichromacy



Original Color

28.9496, 0.3327, 0.3384

Protanomaly

28.8872, 0.3272, 0.3385

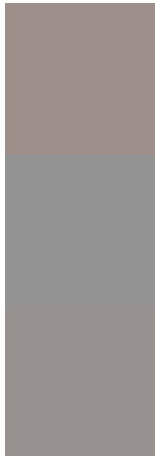
Deuteranomaly

29.0570, 0.3373, 0.3368

Tritanomaly

29.0521, 0.3238, 0.3214

Monochromacy



Original Color

28.9496, 0.3327, 0.3384

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.1507, 0.3199, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9496, 0.3327, 0.3384 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(157, 144, 138)` looks like.

```
.text, #text, p{  
    color:rgb(157, 144, 138)  
}
```

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(157, 144, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 144, 138) }
```

Border

The CSS property to change the border of an element to Yxy 28.9496, 0.3327, 0.3384 is called "border". The border property can be set on classes, ids or directly on the HTML element.

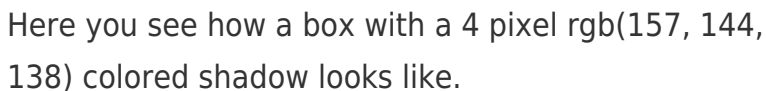
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 144, 138) }
```

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

```
.border{ border-color:rgb(157, 144, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 144, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 144, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 144, 138); box-shadow:4px 4px 4px 4px rgb(157, 144, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9496, 0.3327, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 144, 138) }
```

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

```
.background{ background-color: rgb(157,  
144, 138) }
```

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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