

Converting Colors

$Y_{xy}(28.9658, 0.3364, 0.3370)$

Have a look what the booklet for
Yxy(28.9658, 0.3364, 0.3370)
contains.

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Color

Yxy(28.9535, 0.3362, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	A08F8A
RGB	160, 143, 138
RGB Percent	63%, 56%, 54%
CMY	0.3727, 0.4392, 0.4588
CMYK	0.00, 0.11, 0.14, 0.37
HSL	14°, 10%, 58%
HSV	14°, 14%, 63%
XYZ	28.9019, 28.9535, 28.1110
YIQ	147.5130, 11.7370, 2.0490

Conversions

Conversions Part 2

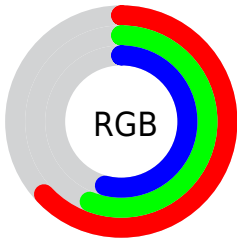
Format	Color
RYB	160, 144, 138
Decimal	10522506
CIELab	60.74, 5.45, 4.96
CIELCh	61, 7.369, 42.313
Yxy	28.9535, 0.3362, 0.3368
Android (android.graphics.Color)	4288712586 (0xFFA08F8A)
YUV	147.5130, -4.6899, 10.9511
Hunter-Lab	53.8085, 1.7122, 6.6912

Details

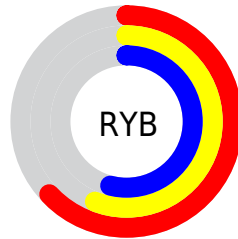
The Yxy color $28.9535, 0.3362, 0.3368$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.3672, 0.2921, 0.3211$, and the grayscale version is $29.4165, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.1412, 0.3317, 0.3360$, and $11.7214, 0.3443, 0.3402$ is the 20% darker color. If you saturate the color by 10%, you get $25.0196, 0.3574, 0.3429$, and if you desaturate by 10%, it is $33.3662, 0.3185, 0.3310$.

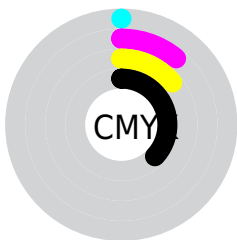
Distribution



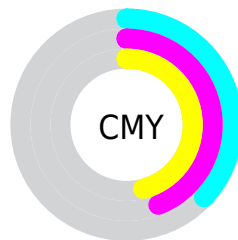
- Red (63%)
- Green (56%)
- Blue (54%)



- Red (63%)
- Yellow (56%)
- Blue (54%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (37%)





- Cyan (37%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9535, 0.3362, 0.3368 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 28.9535, 0.3362, 0.3368 by changing the saturation by 10% instead.


 28.9535, 0.3362,
0.3368


 28.9535, 0.3362,
0.3368


296.9955, 0.3235,
0.3327

 19.0456, 0.3398,
0.3379


 58.0032, 0.3313,
0.3353

 11.7033, 0.3446,
0.3393


 77.9138, 0.3296,
0.3347

 6.5420, 0.3515,
0.3413


 101.9275, 0.3281,
0.3342

 3.1773, 0.3622,
0.3443

130.4286, 0.3269,
0.3338

 1.2250, 0.3810,
0.3490

163.8016, 0.3258,
0.3335

 0.0820, 0.7201,
0.2799


202.4308, 0.3249,


 0.0000, 0.0000,


0.3332


0.0000

246.7006, 0.3242,
0.3329


 28.9535, 0.3362,
0.3368


 28.9535, 0.3362,
0.3368


 25.0196, 0.3574,
0.3429


 33.3662, 0.3185,
0.3310


 21.5444, 0.3826,
0.3491


 38.2692, 0.3038,
0.3257


 18.5123, 0.4123,
0.3552

 43.6784, 0.2915,
0.3208

 15.9052, 0.4465,
0.3605

 49.6078, 0.2811,
0.3163

 13.7036, 0.4844,
0.3643

 56.0708, 0.2724,
0.3123

■ 11.8867, 0.5239,
0.3656

■ 63.0806, 0.2650,
0.3086

■ 10.4314, 0.5618,
0.3635

■ 70.6495, 0.2587,
0.3053

■ 9.3122, 0.5936,
0.3576

■ 78.0626, 0.2584,
0.3140

■ 8.7629, 0.6105,
0.3534

■ 85.6524, 0.2604,
0.3279

Harmonies

Analogous

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



28.9535, 0.3309, 0.3263



28.9535, 0.3362, 0.3368



28.9535, 0.3351, 0.3455

Triad

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



28.9535, 0.3362, 0.3368



28.9535, 0.3046, 0.3418



28.9535, 0.2975, 0.3086

Complementary

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



28.9535, 0.3362, 0.3368



31.3672, 0.2921, 0.3211

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.



28.9535, 0.2908, 0.3122



28.9535, 0.3362, 0.3368



28.9535, 0.2948, 0.3314

Square

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



28.9535, 0.3362, 0.3368



28.9535, 0.3167, 0.3487



28.9535, 0.2898, 0.3205



28.9535, 0.3084, 0.3103

Rectangle

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



28.9535, 0.3362, 0.3368



28.9535, 0.3309, 0.3491



28.9535, 0.2898, 0.3205



28.9535, 0.2947, 0.3092

Sweetspot

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



28.9548, 0.3362, 0.3368



60.3189, 0.3191, 0.3312



28.0214, 0.3191, 0.3030



13.0967, 0.3203, 0.3316



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



28.9548, 0.3362, 0.3368



50.6731, 0.3413, 0.3384



32.3312, 0.3340, 0.3530



6.8796, 0.3279, 0.3342



6.8871, 0.6090, 0.3547



0.1799, 0.5428, 0.4072

Inverse Universe

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



31.3672, 0.2921, 0.3211



55.7869, 0.2883, 0.3195



27.9554, 0.2916, 0.3038



7.2525, 0.2988, 0.3238



13.1736, 0.2042, 0.2553



0.2937, 0.2133, 0.2880

Previews

White Background



This preview shows how the Yxy color 28.9535, 0.3362, 0.3368 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 28.9535, 0.3362, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

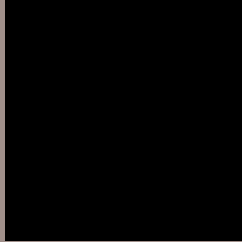
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

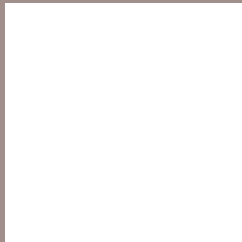
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.9535, 0.3362, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 28.9535, 0.3362, 0.3368.



This preview shows how white text looks on a background with the Yxy color 28.9535, 0.3362, 0.3368.

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

28.9535, 0.3362, 0.3368

Protanopia

29.0305, 0.3239, 0.3385

Deuteranopia

29.0735, 0.3409, 0.3352



Tritanopia

28.9981, 0.3242, 0.3125

Trichromacy



Original Color

28.9535, 0.3362, 0.3368

Protanomaly

28.9849, 0.3283, 0.3385

Deuteranomaly

28.9675, 0.3398, 0.3352

Tritanomaly

29.0297, 0.3282, 0.3214

Monochromacy



Original Color

28.9535, 0.3362, 0.3368

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.2468, 0.3210, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9535, 0.3362, 0.3368 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(160, 143, 138)` looks like.

```
.text, #text, p{  
    color:rgb(160, 143, 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(160, 143, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 143, 138) }
```

Border

The CSS property to change the border of an element to Yxy 28.9535, 0.3362, 0.3368 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(160, 143, 138) }
```

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

```
.border{ border-color:rgb(160, 143, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 143, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 143, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 143, 138);  
box-shadow:4px 4px 4px 4px rgb(160, 143,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9535, 0.3362, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 143, 138) }
```

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

```
.background{ background-color: rgb(160,  
143, 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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