

Converting Colors

$Y_{xy}(27.9054, 0.3308, 0.3420)$

Have a look what the booklet for
Yxy(27.9054, 0.3308, 0.3420)
contains.

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Color

Yxy(28.0416, 0.3316, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	988F86
RGB	152, 143, 134
RGB Percent	60%, 56%, 53%
CMY	0.4038, 0.4392, 0.4745
CMYK	0.00, 0.06, 0.12, 0.40
HSL	30°, 8%, 56%
HSV	30°, 12%, 60%
XYZ	27.0780, 28.0416, 26.5391
YIQ	144.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

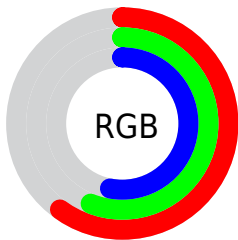
Format	Color
R_{YB}	152, 152, 134
Decimal	9998214
CIE _{Lab}	59.93, 1.73, 5.98
CIE _{LCh}	60, 6.222, 73.840
Yxy	28.0416, 0.3316, 0.3434
Android (android.graphics.Color)	4288188294 (0xFF988F86)
YUV	144.6650, -5.2578, 6.4328
Hunter-Lab	52.9543, -1.3946, 7.3537

Details

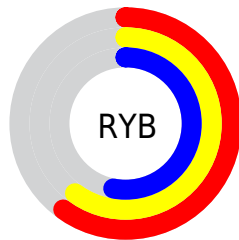
The Yxy color **28.0416, 0.3316, 0.3434** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9904, 0.2948, 0.3142**, and the grayscale version is **28.1934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6422, 0.3274, 0.3410**, and **11.2355, 0.3390, 0.3500** is the 20% darker color. If you saturate the color by 10%, you get **25.4391, 0.3499, 0.3562**, and if you desaturate by 10%, it is **30.8629, 0.3155, 0.3312**.

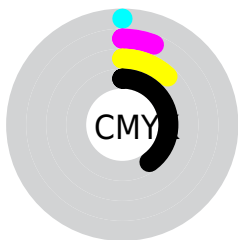
Distribution



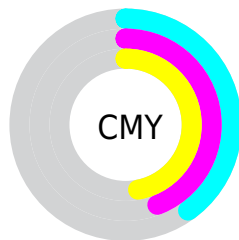
- Red (60%)
- Green (56%)
- Blue (53%)



- Red (60%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (40%)





- Cyan (40%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0416, 0.3316, 0.3434 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 28.0416, 0.3316, 0.3434 by changing the saturation by 10% instead.


 28.0416, 0.3316,
0.3434


 28.0416, 0.3316,
0.3434


292.6656, 0.3213,
0.3356


 18.3570, 0.3345,
0.3456


 56.5509, 0.3276,
0.3404

 11.2066, 0.3384,
0.3485


 76.1443, 0.3262,
0.3394

 6.2060, 0.3440,
0.3526

 99.8095, 0.3251,
0.3385

 2.9707, 0.3528,
0.3590

127.9309, 0.3241,
0.3377

 1.1165, 0.3696,
0.3714

160.8928, 0.3232,
0.3371

 0.0000, 1.0000,
0.0000

199.0796, 0.3225,

 0.0000, 0.0000,

0.3365

0.0000

242.8758, 0.3219,
0.3361

■ 28.0416, 0.3316,
0.3434

■ 28.0416, 0.3316,
0.3434

■ 25.4391, 0.3499,
0.3562

■ 30.8629, 0.3155,
0.3312

■ 23.0459, 0.3706,
0.3694

■ 33.9046, 0.3014,
0.3197

■ 20.8574, 0.3936,
0.3825

■ 37.1732, 0.2891,
0.3091

■ 18.8674, 0.4187,
0.3947

■ 40.6736, 0.2783,
0.2994

■ 17.0691, 0.4452,
0.4051

■ 44.4107, 0.2689,
0.2904

■ 15.4555, 0.4722,
0.4126

■ 48.3892, 0.2607,
0.2822

■ 14.0187, 0.4982,
0.4160

■ 52.6136, 0.2535,
0.2747

■ 12.7500, 0.5214,
0.4144

■ 57.0482, 0.2475,
0.2685

■ 11.8283, 0.5388,
0.4104

■ 60.7560, 0.2489,
0.2779

Harmonies

Analogous

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



28.0416, 0.3328, 0.3361



28.0416, 0.3316, 0.3434



28.0416, 0.3253, 0.3469

Triad

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



28.0416, 0.3316, 0.3434



28.0416, 0.2971, 0.3306



28.0416, 0.3096, 0.3132

Complementary

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



28.0416, 0.3316, 0.3434



26.9904, 0.2948, 0.3142

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.



28.0416, 0.3001, 0.3115



28.0416, 0.3316, 0.3434



28.0416, 0.2930, 0.3214

Square

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



28.0416, 0.3316, 0.3434



28.0416, 0.3053, 0.3395



28.0416, 0.2941, 0.3144



28.0416, 0.3200, 0.3189

Rectangle

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



28.0416, 0.3316, 0.3434



28.0416, 0.3190, 0.3466



28.0416, 0.2941, 0.3144



28.0416, 0.3062, 0.3121

Sweetspot

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



28.0428, 0.3316, 0.3434



54.8794, 0.3189, 0.3338



25.7208, 0.3232, 0.3142



12.0366, 0.3200, 0.3347



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



28.0428, 0.3316, 0.3434



49.7477, 0.3358, 0.3465



30.7670, 0.3299, 0.3569



6.7064, 0.3272, 0.3401



9.9760, 0.5378, 0.4112



0.2218, 0.4783, 0.4585

Inverse Universe

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



26.9904, 0.2948, 0.3142



47.4825, 0.2911, 0.3109



24.4694, 0.2946, 0.2995



6.5120, 0.2989, 0.3176



6.3140, 0.1783, 0.1618



0.1671, 0.1992, 0.2371

Previews

White Background



This preview shows how the Yxy color 28.0416, 0.3316, 0.3434 looks on a white background.

Color Contrast Check

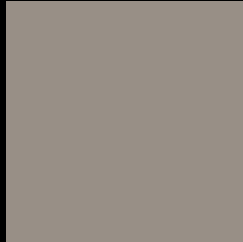
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0416, 0.3316, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

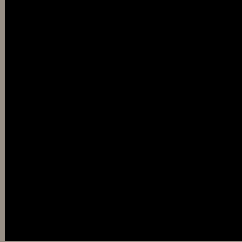
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0416, 0.3316, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 28.0416, 0.3316, 0.3434.



This preview shows how white text looks on a background with the Yxy color 28.0416, 0.3316, 0.3434.

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

28.0416, 0.3316, 0.3434

Protanopia

28.0573, 0.3281, 0.3451

Deuteranopia

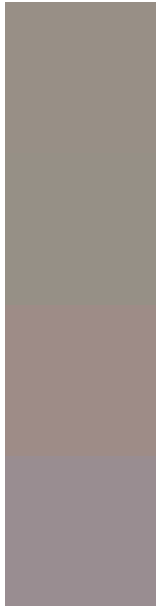
27.8959, 0.3426, 0.3353



Tritanopia

27.8606, 0.3167, 0.3119

Trichromacy



Original Color

28.0416, 0.3316, 0.3434

Protanomaly

28.1518, 0.3292, 0.3451

Deuteranomaly

27.7745, 0.3378, 0.3369

Tritanomaly

27.8664, 0.3217, 0.3227

Monochromacy



Original Color

28.0416, 0.3316, 0.3434

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.1655, 0.3199, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0416, 0.3316, 0.3434 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(152, 143, 134)` looks like.

```
.text, #text, p{  
    color:rgb(152, 143, 134)  
}
```

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(152, 143, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 143, 134) }
```

Border

The CSS property to change the border of an element to Yxy 28.0416, 0.3316, 0.3434 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(152, 143, 134) }
```

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

```
.border{ border-color:rgb(152, 143, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 143, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 143, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 143, 134);  
box-shadow:4px 4px 4px 4px rgb(152, 143,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0416, 0.3316, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 143, 134) }
```

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

```
.background{ background-color: rgb(152,  
143, 134) }
```

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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