

Converting Colors

$Y_{xy}(27.5433, 0.3331, 0.3402)$

Have a look what the booklet for
Yxy(27.5433, 0.3331, 0.3402)
contains.

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Color

Yxy(27.5433, 0.3331, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	998D86
RGB	153, 141, 134
RGB Percent	60%, 55%, 53%
CMY	0.3999, 0.4471, 0.4745
CMYK	0.00, 0.08, 0.12, 0.40
HSL	22°, 9%, 56%
HSV	22°, 12%, 60%
XYZ	26.9685, 27.5433, 26.4503
YIQ	143.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

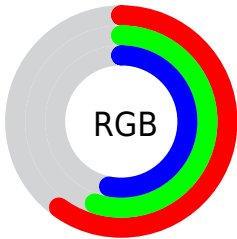
Format	Color
RYB	153, 145, 134
Decimal	10063238
CIELab	59.47, 3.24, 5.34
CIELCh	59, 6.241, 58.750
Yxy	27.5433, 0.3331, 0.3402
Android (android.graphics.Color)	4288253318 (0xFF998D86)
YUV	143.7900, -4.8265, 8.0772
Hunter-Lab	52.4817, -0.1182, 6.8556

Details

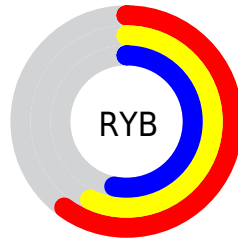
The Yxy color **27.5433, 0.3331, 0.3402** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9377, 0.2940, 0.3175**, and the grayscale version is **27.8197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.8835, 0.3285, 0.3386**, and **10.9470, 0.3414, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **24.4175, 0.3526, 0.3498**, and if you desaturate by 10%, it is **30.9828, 0.3164, 0.3311**.

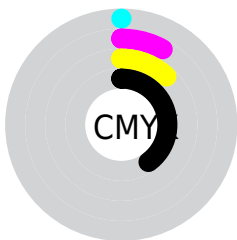
Distribution



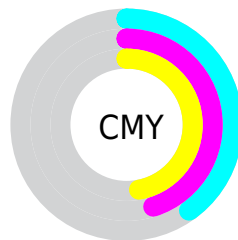
- Red (60%)
- Green (55%)
- Blue (53%)



- Red (60%)
- Yellow (57%)
- Blue (53%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (40%)




- Cyan (40%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5433, 0.3331, 0.3402 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 27.5433, 0.3331, 0.3402 by changing the saturation by 10% instead.

 27.5433, 0.3331,
0.3402


 27.5433, 0.3331,
0.3402


290.2781, 0.3220,
0.3342


 17.9817, 0.3362,
0.3419


 55.7545, 0.3288,
0.3379

 10.9368, 0.3405,
0.3441


 75.1728, 0.3273,
0.3371

 6.0244, 0.3467,
0.3473

 98.6455, 0.3260,
0.3364

 2.8599, 0.3564,
0.3521

126.5569, 0.3249,
0.3358

 1.0590, 0.3753,
0.3619

159.2915, 0.3240,
0.3353

 0.0000, 1.0000,
0.0000

197.2337, 0.3233,

 0.0000, 0.0000,

0.3349

0.0000

240.7677, 0.3226,
0.3345

■ 27.5433, 0.3331,
0.3402

■ 27.5433, 0.3331,
0.3402

■ 24.4175, 0.3526,
0.3498

■ 30.9828, 0.3164,
0.3311

■ 21.5927, 0.3752,
0.3597

■ 34.7408, 0.3021,
0.3227

■ 19.0608, 0.4011,
0.3694

■ 38.8270, 0.2899,
0.3148

■ 16.8116, 0.4302,
0.3784

■ 43.2492, 0.2794,
0.3077

■ 14.8347, 0.4620,
0.3856

■ 48.0150, 0.2704,
0.3011

■ 13.1187, 0.4951,
0.3901

■ 53.1320, 0.2627,
0.2952

■ 11.6513, 0.5274,
0.3905

■ 58.6072, 0.2560,
0.2897

■ 10.4189, 0.5564,
0.3861

■ 64.3555, 0.2508,
0.2863

■ 9.6269, 0.5761,
0.3807

■ 69.5354, 0.2526,
0.2979

Harmonies

Analogous

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



27.5433, 0.3315, 0.3317



27.5433, 0.3331, 0.3402



27.5433, 0.3292, 0.3459

Triad

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



27.5433, 0.3331, 0.3402



27.5433, 0.3007, 0.3353



27.5433, 0.3045, 0.3116

Complementary

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



27.5433, 0.3331, 0.3402



27.9377, 0.2940, 0.3175

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.



27.5433, 0.2964, 0.3123



27.5433, 0.3331, 0.3402



27.5433, 0.2943, 0.3258

Square

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



27.5433, 0.3331, 0.3402



27.5433, 0.3104, 0.3432



27.5433, 0.2928, 0.3174



27.5433, 0.3148, 0.3154

Rectangle

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



27.5433, 0.3331, 0.3402



27.5433, 0.3239, 0.3472



27.5433, 0.2928, 0.3174



27.5433, 0.3014, 0.3113

Sweetspot

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



27.5445, 0.3331, 0.3402



54.4125, 0.3190, 0.3326



25.9030, 0.3214, 0.3100



11.9164, 0.3201, 0.3332



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.



27.5445, 0.3331, 0.3402



47.6505, 0.3384, 0.3429



30.4653, 0.3312, 0.3549



6.5760, 0.3275, 0.3372



8.0131, 0.5748, 0.3818



0.1854, 0.5038, 0.4382

Inverse Universe

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



27.9377, 0.2940, 0.3175



48.4993, 0.2897, 0.3147



25.1303, 0.2937, 0.3017



6.6445, 0.2989, 0.3206



8.9959, 0.1908, 0.2068



0.2035, 0.2072, 0.2659

Previews

White Background



This preview shows how the Yxy color 27.5433, 0.3331, 0.3402 looks on a white background.

Color Contrast Check

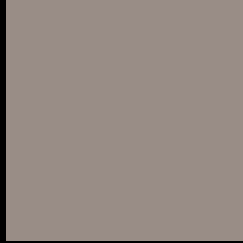
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5433, 0.3331, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

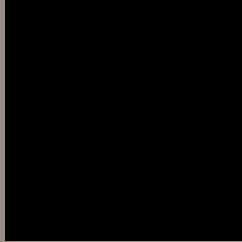
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

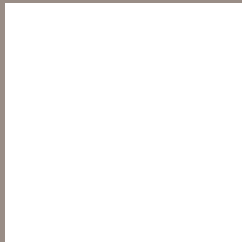
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.5433, 0.3331, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 27.5433, 0.3331, 0.3402.



This preview shows how white text looks on a background with the Yxy color 27.5433, 0.3331, 0.3402.

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

27.5433, 0.3331, 0.3402

Protanopia

27.6901, 0.3261, 0.3420

Deuteranopia

27.3998, 0.3406, 0.3338



Tritanopia

27.6358, 0.3189, 0.3120

Trichromacy



Original Color

27.5433, 0.3331, 0.3402

Protanomaly

27.5793, 0.3285, 0.3403

Deuteranomaly

27.3826, 0.3369, 0.3354

Tritanomaly

27.6398, 0.3239, 0.3228

Monochromacy



Original Color

27.5433, 0.3331, 0.3402

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.7414, 0.3200, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5433, 0.3331, 0.3402 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(153, 141, 134)` looks like.

```
.text, #text, p{  
    color:rgb(153, 141, 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(153, 141, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 141, 134) }
```

Border

The CSS property to change the border of an element to Yxy 27.5433, 0.3331, 0.3402 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(153, 141, 134) }
```

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

```
.border{ border-color:rgb(153, 141, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 141, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 141, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 141, 134);  
box-shadow:4px 4px 4px 4px rgb(153, 141,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5433, 0.3331, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 141, 134) }
```

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

```
.background{ background-color: rgb(153,  
141, 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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