

Converting Colors

$Y_{xy}(27.1818, 0.3302, 0.3416)$

Have a look what the booklet for
Yxy(27.1818, 0.3302, 0.3416)
contains.

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Color

Yxy(27.2272, 0.3308, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	968D85
RGB	150, 141, 133
RGB Percent	59%, 55%, 52%
CMY	0.4117, 0.4470, 0.4785
CMYK	0.00, 0.06, 0.11, 0.41
HSL	28°, 8%, 55%
HSV	28°, 11%, 59%
XYZ	26.3355, 27.2272, 26.0489
YIQ	142.7790, 7.9320, -0.5800

Conversions

Conversions Part 2

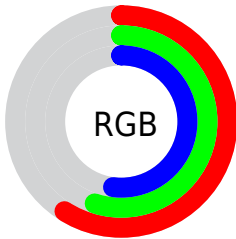
Format	Color
R_{YB}	150, 148, 133
Decimal	9866629
CIE Lab	59.18, 1.90, 5.47
CIE LCh	59, 5.789, 70.882
Yxy	27.2272, 0.3308, 0.3420
Android (android.graphics.Color)	4288056709 (0xFF968D85)
YUV	142.7790, -4.8210, 6.3328
Hunter-Lab	52.1797, -1.2239, 6.9273

Details

The Yxy color $27.2272, 0.3308, 0.3420$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.5265, 0.2956, 0.3156$, and the grayscale version is $27.3929, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.4128, 0.3268, 0.3399$, and $10.7749, 0.3364, 0.3456$ is the 20% darker color. If you saturate the color by 10%, you get $24.5876, 0.3492, 0.3541$, and if you desaturate by 10%, it is $30.0959, 0.3147, 0.3305$.

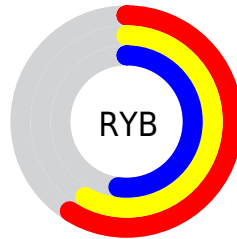
Distribution



Red (59%)

Green (55%)

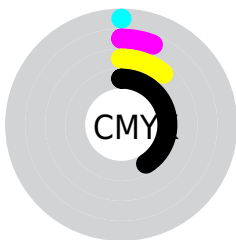
Blue (52%)



Red (59%)

Yellow (58%)

Blue (52%)

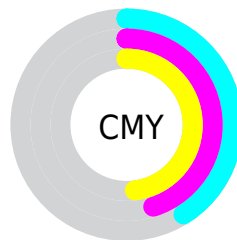


Cyan (0%)

Magenta (6%)

Yellow (11%)

Black (41%)



Cyan (41%)


Magenta (45%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2272, 0.3308, 0.3420 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 27.2272, 0.3308, 0.3420 by changing the saturation by 10% instead.


 27.2272, 0.3308,
0.3420


 27.2272, 0.3308,
0.3420


288.7555, 0.3209,
0.3350


 17.7439, 0.3336,
0.3440


 55.2482, 0.3270,
0.3393

 10.7663, 0.3374,
0.3466


 74.5548, 0.3256,
0.3383

 5.9099, 0.3429,
0.3504


 97.9046, 0.3245,
0.3375

 2.7904, 0.3515,
0.3563

125.6819, 0.3236,
0.3369

 1.0233, 0.3695,
0.3691

158.2713, 0.3228,
0.3363

 0.0000, 0.0000,
0.0000

196.0571, 0.3221,

0.3358

239.4237, 0.3215,
0.3353

■ 27.2272, 0.3308,
0.3420

■ 27.2272, 0.3308,
0.3420

■ 24.5876, 0.3492,
0.3541

■ 30.0959, 0.3147,
0.3305

■ 22.1674, 0.3701,
0.3666

■ 33.1958, 0.3007,
0.3197

■ 19.9617, 0.3935,
0.3790

■ 36.5336, 0.2886,
0.3098

■ 17.9637, 0.4192,
0.3906

■ 40.1146, 0.2780,
0.3006

■ 16.1666, 0.4467,
0.4005

■ 43.9439, 0.2688,
0.2922

■ 14.5627, 0.4749,
0.4076

■ 48.0265, 0.2607,
0.2846

■ 13.1440, 0.5023,
0.4107

■ 52.3671, 0.2537,
0.2775

■ 11.9012, 0.5271,
0.4088

■ 56.9705, 0.2475,
0.2711

■ 10.9544, 0.5466,
0.4042

■ 60.9765, 0.2481,
0.2787

Harmonies

Analogous

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



27.2272, 0.3314, 0.3349



27.2272, 0.3308, 0.3420



27.2272, 0.3253, 0.3457

Triad

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



27.2272, 0.3308, 0.3420



27.2272, 0.2987, 0.3314



27.2272, 0.3088, 0.3138

Complementary

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



27.2272, 0.3308, 0.3420



26.5265, 0.2956, 0.3156

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.



27.2272, 0.3002, 0.3126



27.2272, 0.3308, 0.3420



27.2272, 0.2944, 0.3226

Square

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



27.2272, 0.3308, 0.3420



27.2272, 0.3067, 0.3396



27.2272, 0.2949, 0.3158



27.2272, 0.3186, 0.3188

Rectangle

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



27.2272, 0.3308, 0.3420



27.2272, 0.3196, 0.3457



27.2272, 0.2949, 0.3158



27.2272, 0.3057, 0.3129

Sweetspot

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



27.2284, 0.3308, 0.3420



52.2156, 0.3173, 0.3324



25.2081, 0.3224, 0.3144



11.4843, 0.3185, 0.3333



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.2284, 0.3308, 0.3420



46.6446, 0.3359, 0.3455



29.8112, 0.3292, 0.3552



6.2392, 0.3271, 0.3395



9.1480, 0.5454, 0.4051



0.1702, 0.4817, 0.4558

Inverse Universe

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



26.5265, 0.2956, 0.3156



45.1174, 0.2911, 0.3119



24.1115, 0.2954, 0.3013



6.1100, 0.2989, 0.3183



6.5638, 0.1809, 0.1712



0.1394, 0.2016, 0.2456

Previews

White Background



This preview shows how the Yxy color 27.2272, 0.3308, 0.3420 looks on a white background.

Color Contrast Check

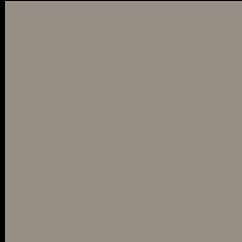
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2272, 0.3308, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

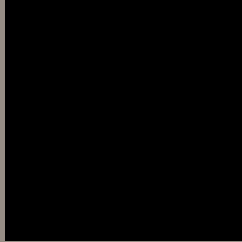
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2272, 0.3308, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 27.2272, 0.3308, 0.3420.



This preview shows how white text looks on a background with the Yxy color 27.2272, 0.3308, 0.3420.

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

27.2272, 0.3308, 0.3420

Protanopia

27.2425, 0.3273, 0.3437

Deuteranopia

27.2691, 0.3405, 0.3353



Tritanopia

27.3106, 0.3167, 0.3133

Trichromacy



Original Color

27.2272, 0.3308, 0.3420

Protanomaly

27.3354, 0.3284, 0.3436

Deuteranomaly

27.2544, 0.3369, 0.3370

Tritanomaly

27.3186, 0.3216, 0.3243

Monochromacy



Original Color

27.2272, 0.3308, 0.3420

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.3211, 0.3200, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2272, 0.3308, 0.3420 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(150, 141, 133)` looks like.

```
.text, #text, p{  
    color:rgb(150, 141, 133)  
}
```

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(150, 141, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 141, 133) }
```

Border

The CSS property to change the border of an element to Yxy 27.2272, 0.3308, 0.3420 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(150, 141, 133) }
```

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

```
.border{ border-color:rgb(150, 141, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 141, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 141, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 141, 133);  
box-shadow:4px 4px 4px 4px rgb(150, 141,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2272, 0.3308, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 141, 133) }
```

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

```
.background{ background-color: rgb(150,  
141, 133) }
```

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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