

Converting Colors

$Y_{xy}(27.1890, 0.3300, 0.3436)$

Have a look what the booklet for
Yxy(27.1890, 0.3300, 0.3436)
contains.

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Color

Yxy(27.1053, 0.3307, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	958D84
RGB	149, 141, 132
RGB Percent	58%, 55%, 52%
CMY	0.4156, 0.4471, 0.4823
CMYK	0.00, 0.05, 0.11, 0.42
HSL	32°, 7%, 55%
HSV	32°, 11%, 58%
XYZ	26.0877, 27.1053, 25.6932
YIQ	142.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

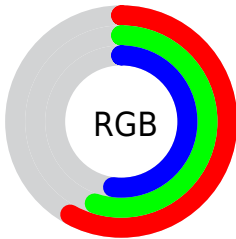
Format	Color
R_{YB}	147, 149, 132
Decimal	9801092
CIE Lab	59.07, 1.35, 5.84
CIE LCh	59, 5.999, 76.950
Yxy	27.1053, 0.3307, 0.3436
Android (android.graphics.Color)	4287991172 (0xFF958D84)
YUV	142.3660, -5.1104, 5.8180
Hunter-Lab	52.0628, -1.6668, 7.1840

Details

The Yxy color **27.1053, 0.3307, 0.3436** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8461, 0.2955, 0.3140**, and the grayscale version is **27.2231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2295, 0.3267, 0.3411**, and **10.7034, 0.3363, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **24.7186, 0.3487, 0.3571**, and if you desaturate by 10%, it is **29.6844, 0.3148, 0.3307**.

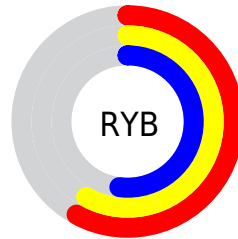
Distribution



Red (58%)

Green (55%)

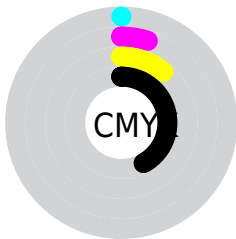
Blue (52%)



Red (58%)

Yellow (58%)

Blue (52%)

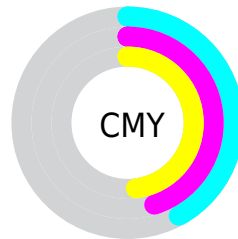


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (42%)



Cyan (42%)


Magenta (45%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1053, 0.3307, 0.3436 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 27.1053, 0.3307, 0.3436 by changing the saturation by 10% instead.


 27.1053, 0.3307,
0.3436


 27.1053, 0.3307,
0.3436


288.1666, 0.3209,
0.3357


 17.6523, 0.3335,
0.3458


 55.0528, 0.3269,
0.3406

 10.7007, 0.3373,
0.3488


 74.3161, 0.3256,
0.3395

 5.8659, 0.3427,
0.3531

 97.6183, 0.3244,
0.3386

 2.7637, 0.3513,
0.3599

125.3438, 0.3235,
0.3378

 1.0097, 0.3702,
0.3752

157.8770, 0.3227,
0.3372

 0.0000, 0.0000,
0.0000

195.6022, 0.3220,

0.3366

238.9040, 0.3214,
0.3361

■ 27.1053, 0.3307,
0.3436

■ 27.1053, 0.3307,
0.3436

■ 24.7186, 0.3487,
0.3571

■ 29.6844, 0.3148,
0.3307

■ 22.5159, 0.3688,
0.3710

■ 32.4569, 0.3008,
0.3187

■ 20.4931, 0.3911,
0.3847

■ 35.4286, 0.2885,
0.3075

■ 18.6449, 0.4153,
0.3976

■ 38.6038, 0.2778,
0.2972

■ 16.9655, 0.4406,
0.4088

■ 41.9867, 0.2684,
0.2877

■ 15.4488, 0.4663,
0.4171

■ 45.5812, 0.2601,
0.2791

■ 14.0879, 0.4909,
0.4214

■ 49.3913, 0.2528,
0.2711

■ 12.8752, 0.5129,
0.4207

■ 53.4208, 0.2464,
0.2639

■ 11.9390, 0.5302,
0.4172

■ 56.9353, 0.2459,
0.2687

Harmonies

Analogous

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



27.1053, 0.3324, 0.3368



27.1053, 0.3307, 0.3436



27.1053, 0.3241, 0.3466

Triad

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



27.1053, 0.3307, 0.3436



27.1053, 0.2969, 0.3296



27.1053, 0.3107, 0.3140

Complementary

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



27.1053, 0.3307, 0.3436



25.8461, 0.2955, 0.3140

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.



27.1053, 0.3013, 0.3119



27.1053, 0.3307, 0.3436



27.1053, 0.2934, 0.3207

Square

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



27.1053, 0.3307, 0.3436



27.1053, 0.3045, 0.3384



27.1053, 0.2950, 0.3143



27.1053, 0.3208, 0.3199

Rectangle

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



27.1053, 0.3307, 0.3436



27.1053, 0.3179, 0.3459



27.1053, 0.2950, 0.3143



27.1053, 0.3074, 0.3128

Sweetspot

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



27.1065, 0.3307, 0.3436



52.3592, 0.3173, 0.3328



24.7995, 0.3234, 0.3157



11.5238, 0.3185, 0.3338



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.



27.1065, 0.3307, 0.3436



47.2666, 0.3357, 0.3474



29.5321, 0.3289, 0.3563



6.2919, 0.3270, 0.3407



10.1054, 0.5292, 0.4180



0.1827, 0.4720, 0.4634

Inverse Universe

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



25.8461, 0.2955, 0.3140



44.4953, 0.2911, 0.3099



23.6083, 0.2956, 0.3003



6.0573, 0.2989, 0.3170



5.6052, 0.1757, 0.1526



0.1268, 0.1978, 0.2320

Previews

White Background



This preview shows how the Yxy color 27.1053, 0.3307, 0.3436 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 27.1053, 0.3307, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

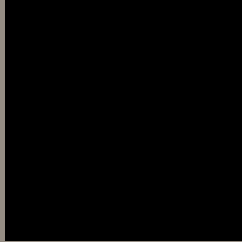
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1053, 0.3307, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 27.1053, 0.3307, 0.3436.



This preview shows how white text looks on a background with the Yxy color 27.1053, 0.3307, 0.3436.

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

27.1053, 0.3307, 0.3436

Protanopia

27.2150, 0.3283, 0.3453

Deuteranopia

26.9557, 0.3419, 0.3354



Tritanopia

26.9262, 0.3157, 0.3117

Trichromacy



Original Color

27.1053, 0.3307, 0.3436

Protanomaly

27.3078, 0.3294, 0.3453

Deuteranomaly

26.8390, 0.3370, 0.3370

Tritanomaly

26.9324, 0.3207, 0.3226

Monochromacy



Original Color

27.1053, 0.3307, 0.3436

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.2007, 0.3200, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1053, 0.3307, 0.3436 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(149, 141, 132)` looks like.

```
.text, #text, p{  
    color:rgb(149, 141, 132)  
}
```

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(149, 141, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 141, 132) }
```

Border

The CSS property to change the border of an element to Yxy 27.1053, 0.3307, 0.3436 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(149, 141, 132) }
```

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

```
.border{ border-color:rgb(149, 141, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 141, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 141, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 141, 132);  
box-shadow:4px 4px 4px 4px rgb(149, 141,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1053, 0.3307, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 141, 132) }
```

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

```
.background{ background-color: rgb(149,  
141, 132) }
```

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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