

Converting Colors

$Yxy(27.6023, 0.3413, 0.3007)$

Have a look what the booklet for
Yxy(27.6023, 0.3413, 0.3007)
contains.

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Color

Yxy(27.5809, 0.3414, 0.3001)

Conversions

Conversions Part 1

Format	Color
Hex	AF8397
RGB	175, 131, 151
RGB Percent	69%, 51%, 59%
CMY	0.3138, 0.4862, 0.4078
CMYK	0.00, 0.25, 0.14, 0.31
HSL	333°, 22%, 60%
HSV	333°, 25%, 69%
XYZ	31.3766, 27.5809, 32.9482
YIQ	146.4360, 19.8040, 15.5480

Conversions

Conversions Part 2

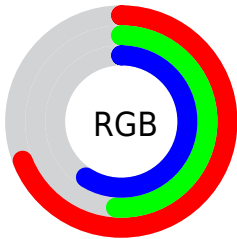
Format	Color
R_{YB}	175, 131, 151
Decimal	11502487
CIE _{Lab}	59.51, 20.10, -4.09
CIE _{LCh}	60, 20.507, 348.507
Yxy	27.5809, 0.3414, 0.3001
Android (android.graphics.Color)	4289692567 (0xFFAF8397)
YUV	146.4360, 2.2501, 25.0506
Hunter-Lab	52.5175, 14.7392, -0.4348

Details

The Yxy color **27.5809, 0.3414, 0.3001** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.8417, 0.2911, 0.3599**, and the grayscale version is **28.9174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.6777, 0.3357, 0.3058**, and **10.9425, 0.3521, 0.2904** is the 20% darker color. If you saturate the color by 10%, you get **22.9740, 0.3570, 0.2880**, and if you desaturate by 10%, it is **33.0092, 0.3283, 0.3120**.

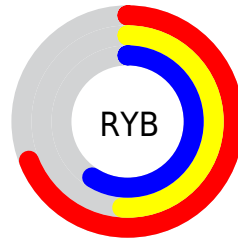
Distribution



Red (69%)

Green (51%)

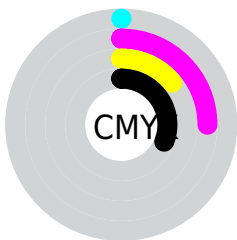
Blue (59%)



Red (69%)

Yellow (51%)

Blue (59%)

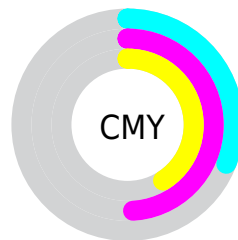


Cyan (0%)

Magenta (25%)

Yellow (14%)

Black (31%)



Cyan (31%)


Magenta (49%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5809, 0.3414, 0.3001 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 27.5809, 0.3414, 0.3001 by changing the saturation by 10% instead.


 27.5809, 0.3414,
0.3001


 27.5809, 0.3414,
0.3001


290.4588, 0.3260,
0.3155


 18.0100, 0.3457,
0.2959


 55.8146, 0.3355,
0.3060

 10.9571, 0.3514,
0.2903


 75.2462, 0.3334,
0.3081

 6.0380, 0.3596,
0.2824


 98.7335, 0.3316,
0.3098

 2.8682, 0.3721,
0.2704

126.6608, 0.3301,
0.3113

 1.0633, 0.3938,
0.2504

159.4127, 0.3289,
0.3126

 0.0000, 0.6597,
0.0000

197.3733, 0.3278,

 0.0000, 0.0000,

0.3137

0.0000

240.9273, 0.3268,
0.3147

■ 27.5809, 0.3414,
0.3001

■ 27.5809, 0.3414,
0.3001

■ 22.9740, 0.3570,
0.2880

■ 33.0092, 0.3283,
0.3120

■ 19.1442, 0.3755,
0.2763

■ 39.2926, 0.3175,
0.3234

■ 16.0488, 0.3969,
0.2658

■ 46.4678, 0.3086,
0.3341

■ 13.6397, 0.4212,
0.2574

■ 54.5679, 0.3012,
0.3441

■ 11.8624, 0.4475,
0.2525

■ 63.6246, 0.2951,
0.3533

■ 10.6546, 0.4747,
0.2523

■ 73.6679, 0.2901,
0.3617

■ 9.9394, 0.5014,
0.2572

■ 84.7266, 0.2859,
0.3693

■ 9.6833, 0.5142,
0.2606

■ 86.1954, 0.2811,
0.3598

■ 86.7380, 0.2764,
0.3489

Harmonies

Analogous

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



27.5809, 0.3068, 0.2811



27.5809, 0.3414, 0.3001



27.5809, 0.3691, 0.3263

Triad

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



27.5809, 0.3414, 0.3001



27.5809, 0.3488, 0.3899



27.5809, 0.2491, 0.2978

Complementary

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



27.5809, 0.3414, 0.3001



37.8417, 0.2911, 0.3599

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.



27.5809, 0.2590, 0.3278



27.5809, 0.3414, 0.3001



27.5809, 0.3157, 0.3840

Square

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



27.5809, 0.3414, 0.3001



27.5809, 0.3730, 0.3780



27.5809, 0.2830, 0.3604



27.5809, 0.2549, 0.2786

Rectangle

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



27.5809, 0.3414, 0.3001



27.5809, 0.3791, 0.3452



27.5809, 0.2830, 0.3604



27.5809, 0.2506, 0.3069

Sweetspot

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



27.5821, 0.3414, 0.3001



66.8350, 0.3206, 0.3200



26.2463, 0.2939, 0.2636



14.4764, 0.3221, 0.3184



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



27.5821, 0.3414, 0.3001



44.7825, 0.3495, 0.2936



27.3833, 0.3640, 0.3313



8.0736, 0.3218, 0.3187



6.9491, 0.5115, 0.2591



0.2044, 0.4395, 0.2195

Inverse Universe

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



27.5821, 0.3414, 0.3001



44.7825, 0.3495, 0.2936



38.0025, 0.2763, 0.3267



8.0736, 0.3218, 0.3187



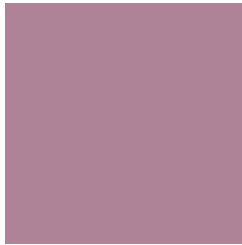
6.9491, 0.5115, 0.2591



0.2044, 0.4395, 0.2195

Previews

White Background



This preview shows how the Yxy color 27.5809, 0.3414, 0.3001 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 27.5809, 0.3414, 0.3001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

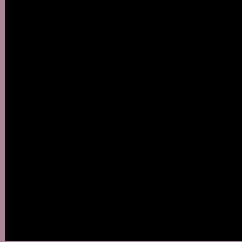
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5809, 0.3414, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 27.5809, 0.3414, 0.3001.



This preview shows how white text looks on a background with the Yxy color 27.5809, 0.3414, 0.3001.

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

27.5809, 0.3414, 0.3001

Protanopia

27.8643, 0.2973, 0.3052

Deuteranopia

27.6037, 0.3200, 0.3135



Tritanopia

27.4844, 0.3492, 0.3129

Trichromacy



Original Color

27.5809, 0.3414, 0.3001

Protanomaly

27.7018, 0.3128, 0.3043

Deuteranomaly

27.4917, 0.3270, 0.3078

Tritanomaly

27.5765, 0.3457, 0.3086

Monochromacy



Original Color

27.5809, 0.3414, 0.3001

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.3560, 0.3229, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5809, 0.3414, 0.3001 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(175, 131, 151)` looks like.

```
.text, #text, p{  
    color:rgb(175, 131, 151)  
}
```

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(175, 131, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 131, 151) }
```

Border

The CSS property to change the border of an element to Yxy 27.5809, 0.3414, 0.3001 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(175, 131, 151) }
```

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

```
.border{ border-color:rgb(175, 131, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 131, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 131, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 131, 151);  
box-shadow:4px 4px 4px 4px rgb(175, 131,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5809, 0.3414, 0.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 131, 151) }
```

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

```
.background{ background-color: rgb(175,  
131, 151) }
```

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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