

Converting Colors

$Y_{xy}(27.0622, 0.3439, 0.2992)$

Have a look what the booklet for
Yxy(27.0622, 0.3439, 0.2992)
contains.

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Color

Yxy(27.0165, 0.3430, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	AF8196
RGB	175, 129, 150
RGB Percent	69%, 51%, 59%
CMY	0.3137, 0.4941, 0.4118
CMYK	0.00, 0.26, 0.14, 0.31
HSL	333°, 22%, 60%
HSV	333°, 26%, 69%
XYZ	31.0337, 27.0165, 32.4270
YIQ	145.1480, 20.6750, 16.2830

Conversions

Conversions Part 2

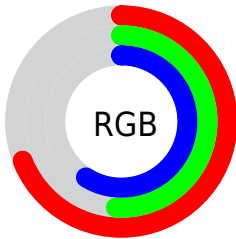
Format	Color
RYB	175, 129, 150
Decimal	11501974
CIELab	58.99, 21.07, -4.27
CIELCh	59, 21.495, 348.546
Yxy	27.0165, 0.3430, 0.2986
Android (android.graphics.Color)	4289692054 (0xFFAF8196)
YUV	145.1480, 2.3920, 26.1802
Hunter-Lab	51.9774, 15.6150, -0.6050

Details

The Yxy color **27.0165, 0.3430, 0.2986** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.6619, 0.2902, 0.3617**, and the grayscale version is **28.3629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8045, 0.3368, 0.3046**, and **10.6304, 0.3546, 0.2883** is the 20% darker color. If you saturate the color by 10%, you get **22.5010, 0.3589, 0.2865**, and if you desaturate by 10%, it is **32.3490, 0.3297, 0.3106**.

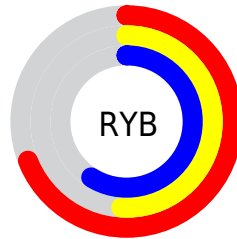
Distribution



Red (69%)

Green (51%)

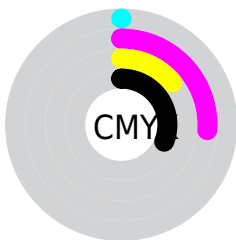
Blue (59%)



Red (69%)

Yellow (51%)

Blue (59%)

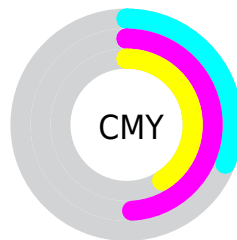


Cyan (0%)

Magenta (26%)

Yellow (14%)

Black (31%)



Cyan (31%)


Magenta (49%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.0165, 0.3430, 0.2986 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 27.0165, 0.3430, 0.2986 by changing the saturation by 10% instead.


 27.0165, 0.3430,
0.2986


 27.0165, 0.3430,
0.2986


287.7370, 0.3267,
0.3149


 17.5856, 0.3475,
0.2942


 54.9103, 0.3367,
0.3048

 10.6529, 0.3537,
0.2882


 74.1421, 0.3345,
0.3070

 5.8339, 0.3624,
0.2798


 97.4096, 0.3326,
0.3089

 2.7444, 0.3758,
0.2671

125.0972, 0.3311,
0.3104

 0.9998, 0.3991,
0.2457

157.5894, 0.3297,
0.3118

 0.0000, 0.6979,
0.0000

195.2705, 0.3286,

 0.0000, 0.0000,

0.3129

0.0000

238.5249, 0.3275,
0.3140

■ 27.0165, 0.3430,
0.2986

■ 27.0165, 0.3430,
0.2986

■ 22.5010, 0.3589,
0.2865

■ 32.3490, 0.3297,
0.3106

■ 18.7579, 0.3777,
0.2748

■ 38.5326, 0.3187,
0.3221

■ 15.7441, 0.3994,
0.2644


■ 45.6042, 0.3095,
0.3329

■ 13.4106, 0.4238,
0.2564


■ 53.5972, 0.3020,
0.3430


■ 11.7024, 0.4502,
0.2520


■ 62.5434, 0.2958,
0.3523


 10.5558, 0.4774,
0.2523

 72.4731, 0.2906,
0.3608

 9.8855, 0.5038,
0.2577

 83.4150, 0.2864,
0.3686

 9.6907, 0.5136,
0.2603

 86.1321, 0.2818,
0.3612

 86.6697, 0.2770,
0.3503

Harmonies

Analogous

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



27.0165, 0.3064, 0.2786



27.0165, 0.3430, 0.2986



27.0165, 0.3723, 0.3261

Triad

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



27.0165, 0.3430, 0.2986



27.0165, 0.3506, 0.3933



27.0165, 0.2457, 0.2959

Complementary

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



27.0165, 0.3430, 0.2986



37.6619, 0.2902, 0.3617

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.



27.0165, 0.2561, 0.3276



27.0165, 0.3430, 0.2986



27.0165, 0.3157, 0.3872

Square

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



27.0165, 0.3430, 0.2986



27.0165, 0.3763, 0.3806



27.0165, 0.2812, 0.3622



27.0165, 0.2519, 0.2758

Rectangle

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



27.0165, 0.3430, 0.2986



27.0165, 0.3828, 0.3459



27.0165, 0.2812, 0.3622



27.0165, 0.2474, 0.3055

Sweetspot

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



27.0177, 0.3430, 0.2986



66.8364, 0.3205, 0.3200



25.6219, 0.2929, 0.2603



14.4768, 0.3221, 0.3183



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.



27.0177, 0.3430, 0.2986



43.1490, 0.3526, 0.2910



26.8083, 0.3671, 0.3314



8.0738, 0.3218, 0.3187



6.9518, 0.5109, 0.2588



0.2045, 0.4391, 0.2193

Inverse Universe

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



27.0177, 0.3430, 0.2986



43.1490, 0.3526, 0.2910



37.8299, 0.2747, 0.3266



8.0738, 0.3218, 0.3187



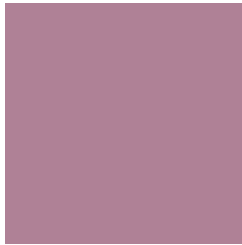
6.9518, 0.5109, 0.2588



0.2045, 0.4391, 0.2193

Previews

White Background



This preview shows how the Yxy color 27.0165, 0.3430, 0.2986 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 27.0165, 0.3430, 0.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

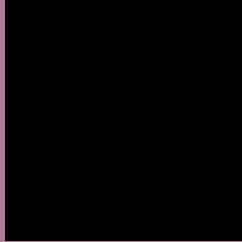
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0165, 0.3430, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 27.0165, 0.3430, 0.2986.



This preview shows how white text looks on a background with the Yxy color 27.0165, 0.3430, 0.2986.

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

27.0165, 0.3430, 0.2986

Protanopia

27.0938, 0.2953, 0.3018

Deuteranopia

27.0874, 0.3189, 0.3133



Tritanopia

27.1544, 0.3517, 0.3144

Trichromacy



Original Color

27.0165, 0.3430, 0.2986

Protanomaly

27.0302, 0.3119, 0.3011

Deuteranomaly

27.0749, 0.3271, 0.3077

Tritanomaly

26.9776, 0.3485, 0.3085

Monochromacy



Original Color

27.0165, 0.3430, 0.2986

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.6397, 0.3231, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0165, 0.3430, 0.2986 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, 129, 150)` looks like.

```
.text, #text, p{  
    color:rgb(175, 129, 150)  
}
```

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, 129, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 129, 150) }
```

Border

The CSS property to change the border of an element to Yxy 27.0165, 0.3430, 0.2986 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, 129, 150) }
```

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

```
.border{ border-color:rgb(175, 129, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 129, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 129, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 129, 150);  
box-shadow:4px 4px 4px 4px rgb(175, 129,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0165, 0.3430, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 129, 150) }
```

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

```
.background{ background-color: rgb(175,  
129, 150) }
```

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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