

Converting Colors

$Y_{xy}(27.3151, 0.3421, 0.3037)$

Have a look what the booklet for
Yxy(27.3151, 0.3421, 0.3037)
contains.

Yxy(27.2550, 0.3425, 0.3042)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.2550, 0.3425, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	AD8394
RGB	173, 131, 148
RGB Percent	68%, 51%, 58%
CMY	0.3218, 0.4862, 0.4197
CMYK	0.00, 0.24, 0.14, 0.32
HSL	336°, 20%, 60%
HSV	336°, 24%, 68%
XYZ	30.6865, 27.2550, 31.6541
YIQ	145.4960, 19.5750, 14.1910

Conversions

Conversions Part 2

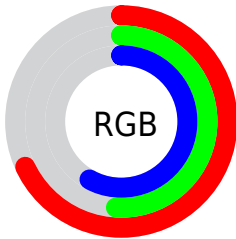
Format	Color
R _Y B	173, 131, 148
Decimal	11371412
CIE Lab	59.21, 18.83, -2.82
CIE LCh	59, 19.040, 351.485
Yxy	27.2550, 0.3425, 0.3042
Android (android.graphics.Color)	4289561492 (0xFFAD8394)
YUV	145.4960, 1.2345, 24.1210
Hunter-Lab	52.2063, 13.5600, 0.5952

Details

The Yxy color **27.2550, 0.3425, 0.3042** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.0968, 0.2902, 0.3553**, and the grayscale version is **28.5161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2033, 0.3364, 0.3089**, and **10.7410, 0.3540, 0.2960** is the 20% darker color. If you saturate the color by 10%, you get **22.6788, 0.3593, 0.2934**, and if you desaturate by 10%, it is **32.6382, 0.3285, 0.3148**.

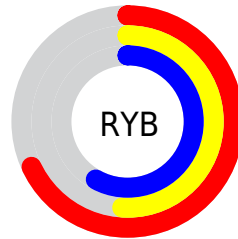
Distribution



Red (68%)

Green (51%)

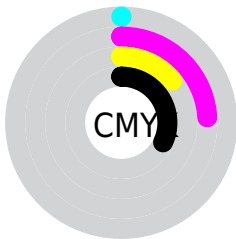
Blue (58%)



Red (68%)

Yellow (51%)

Blue (58%)

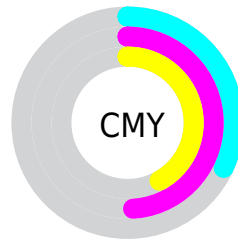


Cyan (0%)

Magenta (24%)

Yellow (14%)

Black (32%)



Cyan (32%)


Magenta (49%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2550, 0.3425, 0.3042 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 27.2550, 0.3425, 0.3042 by changing the saturation by 10% instead.


 27.2550, 0.3425,
0.3042


 27.2550, 0.3425,
0.3042


288.8897, 0.3264,
0.3175


 17.7648, 0.3470,
0.3005


 55.2928, 0.3363,
0.3093

 10.7813, 0.3531,
0.2956


 74.6092, 0.3341,
0.3111

 5.9200, 0.3618,
0.2886


 97.9698, 0.3323,
0.3126

 2.7965, 0.3752,
0.2780

125.7590, 0.3307,
0.3139

 1.0264, 0.3988,
0.2597

158.3612, 0.3294,
0.3150

 0.0000, 0.7871,
0.0000

196.1608, 0.3282,

 0.0000, 0.0000,

0.3160

0.0000

239.5421, 0.3273,
0.3168

■ 27.2550, 0.3425,
0.3042

■ 27.2550, 0.3425,
0.3042

■ 22.6788, 0.3593,
0.2934

■ 32.6382, 0.3285,
0.3148

■ 18.8668, 0.3794,
0.2829

■ 38.8613, 0.3170,
0.3249

■ 15.7776, 0.4029,
0.2734

■ 45.9597, 0.3075,
0.3344

■ 13.3644, 0.4296,
0.2660


■ 53.9658, 0.2997,
0.3431

■ 11.5751, 0.4588,
0.2619


■ 62.9103, 0.2932,
0.3512


 10.3495, 0.4890,
0.2621

 72.8224, 0.2879,
0.3585

 9.6154, 0.5184,
0.2675

 83.7302, 0.2835,
0.3653

 9.3206, 0.5348,
0.2720

 86.1335, 0.2786,
0.3564

 86.7307, 0.2735,
0.3447

Harmonies

Analogous

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



27.2550, 0.3105, 0.2854



27.2550, 0.3425, 0.3042



27.2550, 0.3671, 0.3292

Triad

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



27.2550, 0.3425, 0.3042



27.2550, 0.3436, 0.3859



27.2550, 0.2530, 0.2977

Complementary

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



27.2550, 0.3425, 0.3042



37.0968, 0.2902, 0.3553

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.



27.2550, 0.2610, 0.3250



27.2550, 0.3425, 0.3042



27.2550, 0.3124, 0.3785

Square

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



27.2550, 0.3425, 0.3042



27.2550, 0.3673, 0.3766



27.2550, 0.2823, 0.3554



27.2550, 0.2600, 0.2808

Rectangle

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



27.2550, 0.3425, 0.3042



27.2550, 0.3752, 0.3469



27.2550, 0.2823, 0.3554



27.2550, 0.2540, 0.3059

Sweetspot

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



27.2562, 0.3425, 0.3042



66.2699, 0.3201, 0.3221



26.2715, 0.2969, 0.2665



14.2615, 0.3207, 0.3215



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



27.2562, 0.3425, 0.3042



44.3493, 0.3510, 0.2985



27.7127, 0.3610, 0.3343



8.0670, 0.3225, 0.3199



6.8622, 0.5321, 0.2705



0.2019, 0.4532, 0.2270

Inverse Universe

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



27.2562, 0.3425, 0.3042



44.3493, 0.3510, 0.2985



36.3899, 0.2772, 0.3236



8.0670, 0.3225, 0.3199



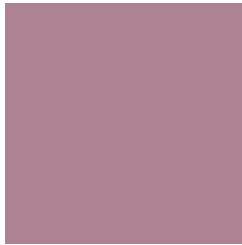
6.8622, 0.5321, 0.2705



0.2019, 0.4532, 0.2270

Previews

White Background



This preview shows how the Yxy color 27.2550, 0.3425, 0.3042 looks on a white background.

Color Contrast Check

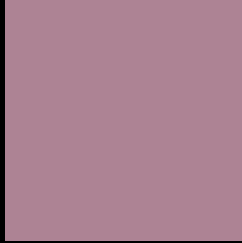
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2550, 0.3425, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

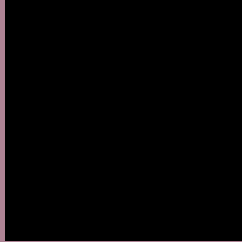
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2550, 0.3425, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 27.2550, 0.3425, 0.3042.



This preview shows how white text looks on a background with the Yxy color 27.2550, 0.3425, 0.3042.

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

27.2550, 0.3425, 0.3042

Protanopia

27.4633, 0.3001, 0.3082

Deuteranopia

27.2521, 0.3222, 0.3150



Tritanopia

27.2262, 0.3480, 0.3143

Trichromacy



Original Color

27.2550, 0.3425, 0.3042

Protanomaly

27.2163, 0.3148, 0.3072

Deuteranomaly

27.1159, 0.3304, 0.3107

Tritanomaly

27.2868, 0.3457, 0.3113

Monochromacy



Original Color

27.2550, 0.3425, 0.3042

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.8001, 0.3229, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2550, 0.3425, 0.3042 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(173, 131, 148)` looks like.

```
.text, #text, p{  
    color:rgb(173, 131, 148)  
}
```

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(173, 131, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 131, 148) }
```

Border

The CSS property to change the border of an element to Yxy 27.2550, 0.3425, 0.3042 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(173, 131, 148) }
```

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

```
.border{ border-color:rgb(173, 131, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 131, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 131, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 131, 148);  
box-shadow:4px 4px 4px 4px rgb(173, 131,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2550, 0.3425, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 131, 148) }
```

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

```
.background{ background-color: rgb(173,  
131, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor