

Converting Colors

$Y_{xy}(27.3512, 0.3450, 0.3121)$

Have a look what the booklet for
Yxy(27.3512, 0.3450, 0.3121)
contains.

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Color

Yxy(27.1741, 0.3446, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	AB8490
RGB	171, 132, 144
RGB Percent	67%, 52%, 56%
CMY	0.3294, 0.4823, 0.4354
CMYK	0.00, 0.23, 0.16, 0.33
HSL	342°, 19%, 59%
HSV	342°, 23%, 67%
XYZ	30.0809, 27.1741, 30.0373
YIQ	145.0290, 19.3920, 12.0000

Conversions

Conversions Part 2

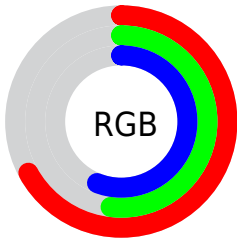
Format	Color
RYB	171, 132, 144
Decimal	11240592
CIELab	59.14, 16.88, -0.65
CIELCh	59, 16.893, 357.787
Yxy	27.1741, 0.3446, 0.3113
Android (android.graphics.Color)	4289430672 (0xFFAB8490)
YUV	145.0290, -0.5073, 22.7766
Hunter-Lab	52.1288, 11.7781, 2.3265

Details

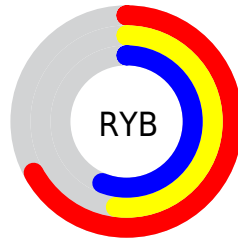
The Yxy color **27.1741, 0.3446, 0.3113** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.5413, 0.2886, 0.3475**, and the grayscale version is **28.3246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1060, 0.3379, 0.3144**, and **10.6943, 0.3554, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **22.5676, 0.3638, 0.3031**, and if you desaturate by 10%, it is **32.5814, 0.3288, 0.3193**.

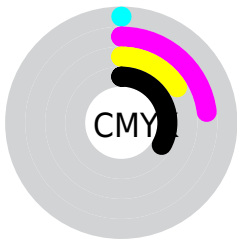
Distribution



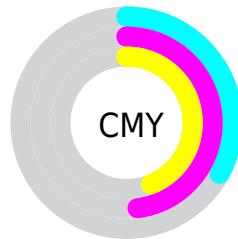
- Red (67%)
- Green (52%)
- Blue (56%)



- Red (67%)
- Yellow (52%)
- Blue (56%)



- Cyan (0%)
- Magenta (23%)
- Yellow (16%)
- Black (33%)





- Cyan (33%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1741, 0.3446, 0.3113 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 27.1741, 0.3446, 0.3113 by changing the saturation by 10% instead.


 27.1741, 0.3446,
0.3113


 27.1741, 0.3446,
0.3113


288.4991, 0.3272,
0.3209


 17.7040, 0.3495,
0.3086


 55.1631, 0.3379,
0.3150

 10.7377, 0.3561,
0.3050


 74.4508, 0.3355,
0.3163

 5.8907, 0.3657,
0.2997

 97.7799, 0.3335,
0.3174

 2.7788, 0.3805,
0.2916

125.5347, 0.3319,
0.3183

 1.0173, 0.4069,
0.2773

158.0996, 0.3305,
0.3191

 0.0000, 1.0000,
0.0000

195.8591, 0.3292,

 0.0000, 0.0000,

0.3198

0.0000

239.1974, 0.3282,
0.3204

■ 27.1741, 0.3446,
0.3113

■ 27.1741, 0.3446,
0.3113

■ 22.5676, 0.3638,
0.3031

■ 32.5814, 0.3288,
0.3193

■ 18.7200, 0.3870,
0.2950

■ 38.8214, 0.3159,
0.3270

■ 15.5913, 0.4144,
0.2878

■ 45.9287, 0.3054,
0.3340

■ 13.1361, 0.4459,
0.2823

■ 53.9351, 0.2967,
0.3406

■ 11.3039, 0.4805,
0.2796

■ 62.8704, 0.2896,
0.3465

■ 10.0371, 0.5162,
0.2809

■ 72.7633, 0.2838,
0.3520

■ 9.2669, 0.5501,
0.2868

■ 83.6411, 0.2790,
0.3569

■ 8.9121, 0.5723,
0.2927

■ 86.3986, 0.2734,
0.3469

■ 87.1213, 0.2677,
0.3336

Harmonies

Analogous

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



27.1741, 0.3169, 0.2929



27.1741, 0.3446, 0.3113



27.1741, 0.3639, 0.3344

Triad

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



27.1741, 0.3446, 0.3113



27.1741, 0.3348, 0.3793



27.1741, 0.2596, 0.2973

Complementary

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



27.1741, 0.3446, 0.3113



36.5413, 0.2886, 0.3475

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.



27.1741, 0.2640, 0.3200



27.1741, 0.3446, 0.3113



27.1741, 0.3066, 0.3694

Square

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



27.1741, 0.3446, 0.3113



27.1741, 0.3578, 0.3742



27.1741, 0.2809, 0.3470



27.1741, 0.2686, 0.2843

Rectangle

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



27.1741, 0.3446, 0.3113



27.1741, 0.3689, 0.3500



27.1741, 0.2809, 0.3470



27.1741, 0.2596, 0.3040

Sweetspot

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



27.1753, 0.3446, 0.3113



64.5106, 0.3211, 0.3237



26.7798, 0.3021, 0.2712



14.2432, 0.3219, 0.3233



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.



27.1753, 0.3446, 0.3113



44.6385, 0.3531, 0.3075



28.8352, 0.3561, 0.3398



8.0543, 0.3240, 0.3221



6.7256, 0.5698, 0.2912



0.1970, 0.4839, 0.2439

Inverse Universe

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



27.1753, 0.3446, 0.3113



44.6385, 0.3531, 0.3075



34.3480, 0.2788, 0.3179



8.0543, 0.3240, 0.3221



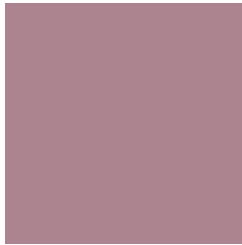
6.7256, 0.5698, 0.2912



0.1970, 0.4839, 0.2439

Previews

White Background



This preview shows how the Yxy color 27.1741, 0.3446, 0.3113 looks on a white background.

Color Contrast Check

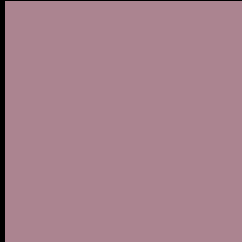
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1741, 0.3446, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

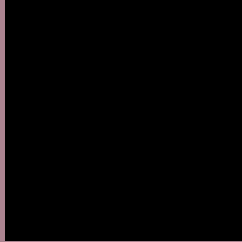
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1741, 0.3446, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 27.1741, 0.3446, 0.3113.



This preview shows how white text looks on a background with the Yxy color 27.1741, 0.3446, 0.3113.

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

27.1741, 0.3446, 0.3113

Protanopia

27.3877, 0.3059, 0.3161

Deuteranopia

27.2280, 0.3275, 0.3212



Tritanopia

27.1134, 0.3468, 0.3142

Trichromacy



Original Color

27.1741, 0.3446, 0.3113

Protanomaly

27.0874, 0.3189, 0.3133

Deuteranomaly

27.1686, 0.3334, 0.3183

Tritanomaly

27.1436, 0.3457, 0.3127

Monochromacy



Original Color

27.1741, 0.3446, 0.3113

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.6705, 0.3229, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1741, 0.3446, 0.3113 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(171, 132, 144)` looks like.

```
.text, #text, p{  
    color:rgb(171, 132, 144)  
}
```

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(171, 132, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 132, 144) }
```

Border

The CSS property to change the border of an element to Yxy 27.1741, 0.3446, 0.3113 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(171, 132, 144) }
```

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

```
.border{ border-color:rgb(171, 132, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 132, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 132, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 132, 144);  
box-shadow:4px 4px 4px 4px rgb(171, 132,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1741, 0.3446, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 132, 144) }
```

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

```
.background{ background-color: rgb(171,  
132, 144) }
```

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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