

Converting Colors

$Y_{xy}(29.1019, 0.3345, 0.3086)$

Have a look what the booklet for
Yxy(29.1019, 0.3345, 0.3086)
contains.

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Color

Yxy(29.1019, 0.3345, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	AB8A98
RGB	171, 138, 152
RGB Percent	67%, 54%, 60%
CMY	0.3295, 0.4587, 0.4040
CMYK	0.00, 0.19, 0.11, 0.33
HSL	335°, 16%, 61%
HSV	335°, 19%, 67%
XYZ	31.5443, 29.1019, 33.6567
YIQ	149.4630, 15.1740, 11.3500

Conversions

Conversions Part 2

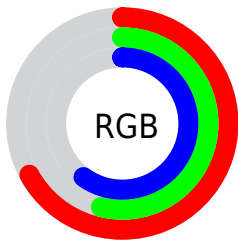
Format	Color
R_{YB}	171, 138, 152
Decimal	11242136
CIE _{Lab}	60.87, 14.83, -2.69
CIE _{LCh}	61, 15.076, 349.717
Yxy	29.1019, 0.3345, 0.3086
Android (android.graphics.Color)	4289432216 (0xFFAB8A98)
YUV	149.4630, 1.2507, 18.8879
Hunter-Lab	53.9462, 9.9698, 0.7716

Details

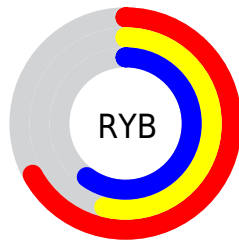
The Yxy color **29.1019, 0.3345, 0.3086** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.9518, 0.2951, 0.3504**, and the grayscale version is **30.2494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4864, 0.3305, 0.3135**, and **11.7706, 0.3416, 0.3021** is the 20% darker color. If you saturate the color by 10%, you get **24.2674, 0.3493, 0.2974**, and if you desaturate by 10%, it is **34.7381, 0.3222, 0.3195**.

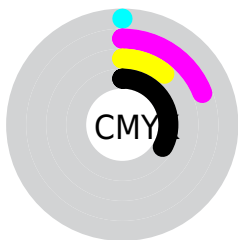
Distribution



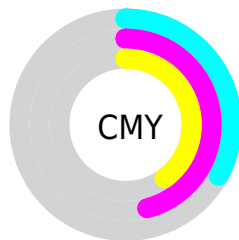
- Red (67%)
- Green (54%)
- Blue (60%)



- Red (67%)
- Yellow (54%)
- Blue (60%)



- Cyan (0%)
- Magenta (19%)
- Yellow (11%)
- Black (33%)





- Cyan (33%)
- Magenta (46%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1019, 0.3345, 0.3086 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 29.1019, 0.3345, 0.3086 by changing the saturation by 10% instead.


 29.1019, 0.3345,
0.3086


 29.1019, 0.3345,
0.3086


297.6954, 0.3228,
0.3195


 19.1579, 0.3377,
0.3056


 58.2389, 0.3301,
0.3127

 11.7844, 0.3420,
0.3017


 78.2008, 0.3284,
0.3142

 6.5971, 0.3481,
0.2961


 102.2707, 0.3271,
0.3155

 3.2114, 0.3574,
0.2877

130.8332, 0.3260,
0.3165

 1.2431, 0.3734,
0.2737

164.2724, 0.3250,
0.3174

 0.0965, 0.5380,
0.1144

202.9730, 0.3242,

 0.0000, 0.0000,

0.3182

0.0000

247.3192, 0.3235,
0.3189

■ 29.1019, 0.3345,
0.3086

■ 29.1019, 0.3345,
0.3086

■ 24.2674, 0.3493,
0.2974

■ 34.7381, 0.3222,
0.3195

■ 20.1939, 0.3671,
0.2862

■ 41.2063, 0.3120,
0.3297

■ 16.8432, 0.3880,
0.2756

■ 48.5401, 0.3037,
0.3393

■ 14.1721, 0.4121,
0.2665

■ 56.7701, 0.2968,
0.3481

■ 12.1327, 0.4390,
0.2601

■ 65.9254, 0.2911,
0.3562

■ 10.6710, 0.4677,
0.2576

■ 76.0336, 0.2864,
0.3636

■ 9.7236, 0.4967,
0.2600

■ 85.3898, 0.2823,
0.3675

■ 9.1652, 0.5245,
0.2669

■ 85.9299, 0.2773,
0.3560

■ 9.1286, 0.5265,
0.2674

■ 86.5012, 0.2725,
0.3448

Harmonies

Analogous

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



29.1019, 0.3097, 0.2941



29.1019, 0.3345, 0.3086



29.1019, 0.3539, 0.3283

Triad

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



29.1019, 0.3345, 0.3086



29.1019, 0.3383, 0.3728



29.1019, 0.2660, 0.3061

Complementary

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



29.1019, 0.3345, 0.3086



36.9518, 0.2951, 0.3504

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.



29.1019, 0.2730, 0.3276



29.1019, 0.3345, 0.3086



29.1019, 0.3142, 0.3676

Square

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



29.1019, 0.3345, 0.3086



29.1019, 0.3559, 0.3654



29.1019, 0.2904, 0.3506



29.1019, 0.2709, 0.2920

Rectangle

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



29.1019, 0.3345, 0.3086



29.1019, 0.3606, 0.3422



29.1019, 0.2904, 0.3506



29.1019, 0.2671, 0.3127

Sweetspot

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



29.1032, 0.3345, 0.3086



65.7454, 0.3188, 0.3228



28.2582, 0.3001, 0.2800



14.5042, 0.3194, 0.3221



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.



29.1032, 0.3345, 0.3086



48.3919, 0.3403, 0.3040



29.3088, 0.3491, 0.3324



8.0696, 0.3222, 0.3194



6.8948, 0.5241, 0.2661



0.2029, 0.4477, 0.2240

Inverse Universe

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



29.1032, 0.3345, 0.3086



48.3919, 0.3403, 0.3040



36.6340, 0.2842, 0.3256



8.0696, 0.3222, 0.3194



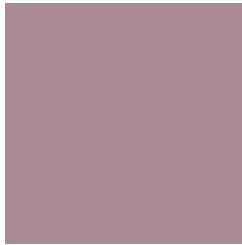
6.8948, 0.5241, 0.2661



0.2029, 0.4477, 0.2240

Previews

White Background



This preview shows how the Yxy color 29.1019, 0.3345, 0.3086 looks on a white background.

Color Contrast Check

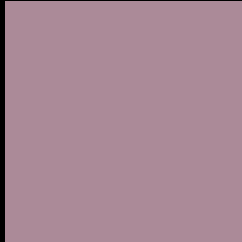
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1019, 0.3345, 0.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

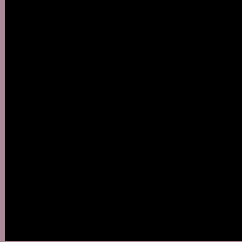
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1019, 0.3345, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 29.1019, 0.3345, 0.3086.



This preview shows how white text looks on a background with the Yxy color 29.1019, 0.3345, 0.3086.

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

29.1019, 0.3345, 0.3086

Protanopia

29.1951, 0.3033, 0.3118

Deuteranopia

29.2502, 0.3218, 0.3169



Tritanopia

29.0048, 0.3378, 0.3129

Trichromacy



Original Color

29.1019, 0.3345, 0.3086

Protanomaly

29.0794, 0.3146, 0.3107

Deuteranomaly

29.0706, 0.3264, 0.3140

Tritanomaly

29.0369, 0.3367, 0.3115

Monochromacy



Original Color

29.1019, 0.3345, 0.3086

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.6209, 0.3204, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1019, 0.3345, 0.3086 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, 138, 152)` looks like.

```
.text, #text, p{  
    color:rgb(171, 138, 152)  
}
```

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, 138, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 138, 152) }
```

Border

The CSS property to change the border of an element to Yxy 29.1019, 0.3345, 0.3086 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, 138, 152) }
```

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

```
.border{ border-color:rgb(171, 138, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 138, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 138, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 138, 152);  
box-shadow:4px 4px 4px 4px rgb(171, 138,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1019, 0.3345, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 138, 152) }
```

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

```
.background{ background-color: rgb(171,  
138, 152) }
```

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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