

Converting Colors

$Y_{xy}(29.6284, 0.3312, 0.3044)$

Have a look what the booklet for
Yxy(29.6284, 0.3312, 0.3044)
contains.

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Color

Yxy(29.6362, 0.3312, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	AC8B9C
RGB	172, 139, 156
RGB Percent	67%, 55%, 61%
CMY	0.3255, 0.4549, 0.3882
CMYK	0.00, 0.19, 0.09, 0.33
HSL	329°, 17%, 61%
HSV	329°, 19%, 67%
XYZ	32.2454, 29.6362, 35.4778
YIQ	150.8050, 14.2110, 12.2830

Conversions

Conversions Part 2

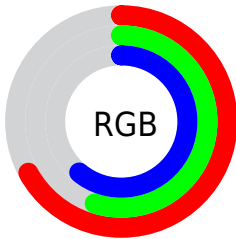
Format	Color
RYB	172, 139, 156
Decimal	11307932
CIELab	61.34, 15.36, -4.28
CIElCh	61, 15.950, 344.430
Yxy	29.6362, 0.3312, 0.3044
Android (android.graphics.Color)	4289498012 (0xFFAC8B9C)
YUV	150.8050, 2.5611, 18.5880
Hunter-Lab	54.4391, 10.4608, -0.5317

Details

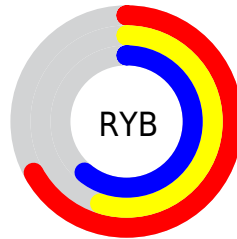
The Yxy color **29.6362, 0.3312, 0.3044** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3567, 0.2976, 0.3550**, and the grayscale version is **30.8446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.2871, 0.3281, 0.3102**, and **12.0866, 0.3366, 0.2963** is the 20% darker color. If you saturate the color by 10%, you get **24.7695, 0.3437, 0.2909**, and if you desaturate by 10%, it is **35.3085, 0.3208, 0.3175**.

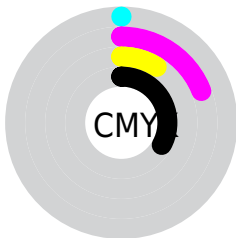
Distribution



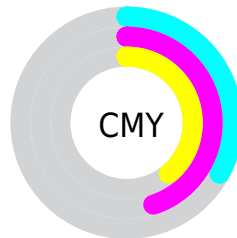
- Red (67%)
- Green (55%)
- Blue (61%)



- Red (67%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (33%)




- Cyan (33%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6362, 0.3312, 0.3044 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 29.6362, 0.3312, 0.3044 by changing the saturation by 10% instead.

 29.6362, 0.3312,
0.3044


 29.6362, 0.3312,
0.3044


300.2050, 0.3214,
0.3174

 19.5626, 0.3339,
0.3009


 59.0864, 0.3275,
0.3093

 12.0775, 0.3374,
0.2963


 79.2318, 0.3261,
0.3111

 6.7965, 0.3424,
0.2898


 103.5032, 0.3250,
0.3126

 3.3352, 0.3500,
0.2801

132.2851, 0.3241,
0.3138

 1.3091, 0.3626,
0.2641

165.9618, 0.3232,
0.3149

 0.1482, 0.4587,
0.1318

204.9178, 0.3225,

 0.0000, 0.0000,

0.3159

0.0000

249.5374, 0.3219,
0.3167

■ 29.6362, 0.3312,
0.3044

■ 29.6362, 0.3312,
0.3044

■ 24.7695, 0.3437,
0.2909

■ 35.3085, 0.3208,
0.3175

■ 20.6675, 0.3584,
0.2774

■ 41.8169, 0.3121,
0.3300

■ 17.2916, 0.3756,
0.2645

■ 49.1952, 0.3049,
0.3416

■ 14.5984, 0.3952,
0.2534

■ 57.4742, 0.2989,
0.3524

■ 12.5397, 0.4168,
0.2449

■ 66.6831, 0.2939,
0.3624

■ 11.0609, 0.4399,
0.2404

■ 76.8499, 0.2898,
0.3715

■ 10.0982, 0.4633,
0.2408

■ 85.1617, 0.2862,
0.3752

■ 9.5274, 0.4863,
0.2459

■ 85.5993, 0.2819,
0.3654

■ 9.4851, 0.4883,
0.2463

■ 86.0590, 0.2778,
0.3557

Harmonies

Analogous

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



29.6362, 0.3049, 0.2906



29.6362, 0.3312, 0.3044



29.6362, 0.3531, 0.3243

Triad

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



29.6362, 0.3312, 0.3044



29.6362, 0.3435, 0.3746



29.6362, 0.2641, 0.3084

Complementary

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



29.6362, 0.3312, 0.3044



37.3567, 0.2976, 0.3550

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.



29.6362, 0.2736, 0.3318



29.6362, 0.3312, 0.3044



29.6362, 0.3189, 0.3716

Square

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



29.6362, 0.3312, 0.3044



29.6362, 0.3602, 0.3647



29.6362, 0.2934, 0.3556



29.6362, 0.2670, 0.2920

Rectangle

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



29.6362, 0.3312, 0.3044



29.6362, 0.3619, 0.3390



29.6362, 0.2934, 0.3556



29.6362, 0.2659, 0.3157

Sweetspot

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



29.6375, 0.3312, 0.3044



67.5236, 0.3179, 0.3214



28.4090, 0.2974, 0.2799



14.5195, 0.3185, 0.3207



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.



29.6375, 0.3312, 0.3044



49.8591, 0.3362, 0.2987



29.1173, 0.3489, 0.3283



8.0817, 0.3209, 0.3174



7.0706, 0.4861, 0.2451



0.2077, 0.4236, 0.2107

Inverse Universe

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



29.6375, 0.3312, 0.3044



49.8591, 0.3362, 0.2987



37.9477, 0.2849, 0.3297



8.0817, 0.3209, 0.3174



7.0706, 0.4861, 0.2451



0.2077, 0.4236, 0.2107

Previews

White Background



This preview shows how the Yxy color 29.6362, 0.3312, 0.3044 looks on a white background.

Color Contrast Check

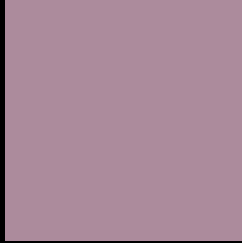
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6362, 0.3312, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

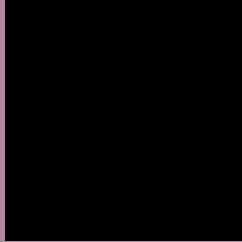
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.6362, 0.3312, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 29.6362, 0.3312, 0.3044.



This preview shows how white text looks on a background with the Yxy color 29.6362, 0.3312, 0.3044.

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

29.6362, 0.3312, 0.3044

Protanopia

29.6437, 0.2996, 0.3073

Deuteranopia

29.7867, 0.3187, 0.3125



Tritanopia

29.6485, 0.3352, 0.3130

Trichromacy



Original Color

29.6362, 0.3312, 0.3044

Protanomaly

29.5176, 0.3107, 0.3063

Deuteranomaly

29.6051, 0.3232, 0.3097

Tritanomaly

29.7140, 0.3331, 0.3101

Monochromacy



Original Color

29.6362, 0.3312, 0.3044

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.5383, 0.3194, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6362, 0.3312, 0.3044 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(172, 139, 156)` looks like.

```
.text, #text, p{  
    color:rgb(172, 139, 156)  
}
```

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(172, 139, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 139, 156) }
```

Border

The CSS property to change the border of an element to Yxy 29.6362, 0.3312, 0.3044 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(172, 139, 156) }
```

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

```
.border{ border-color:rgb(172, 139, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 139, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 139, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 139, 156);  
box-shadow:4px 4px 4px 4px rgb(172, 139,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6362, 0.3312, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 139, 156) }
```

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

```
.background{ background-color: rgb(172,  
139, 156) }
```

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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