

Converting Colors

Yxy(34.3688, 0.3040, 0.3064)

Have a look what the booklet for
Yxy(34.3688, 0.3040, 0.3064)
contains.

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Color

Yxy(34.3326, 0.3032, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	A19CAC
RGB	161, 156, 172
RGB Percent	63%, 61%, 67%
CMY	0.3687, 0.3882, 0.3254
CMYK	0.06, 0.09, 0.00, 0.33
HSL	259°, 9%, 64%
HSV	259°, 9%, 67%
XYZ	34.0296, 34.3326, 43.8726
YIQ	159.3190, -2.1560, 6.0360

Conversions

Conversions Part 2

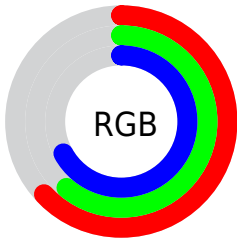
Format	Color
RYB	161, 156, 172
Decimal	10591404
CIELab	65.23, 4.93, -7.68
CIELCh	65, 9.122, 302.700
Yxy	34.3326, 0.3032, 0.3059
Android (android.graphics.Color)	4288781484 (0xFFA19CAC)
YUV	159.3190, 6.2517, 1.4742
Hunter-Lab	58.5940, 1.1276, -3.3778

Details

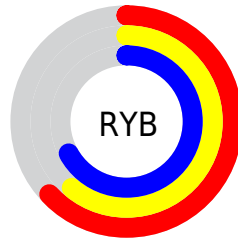
The Yxy color **34.3326, 0.3032, 0.3059** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.1355, 0.3217, 0.3517**, and the grayscale version is **34.7955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2382, 0.3055, 0.3103**, and **14.7104, 0.2992, 0.2984** is the 20% darker color. If you saturate the color by 10%, you get **27.7880, 0.2915, 0.2786**, and if you desaturate by 10%, it is **41.8149, 0.3134, 0.3306**.

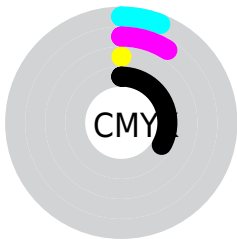
Distribution



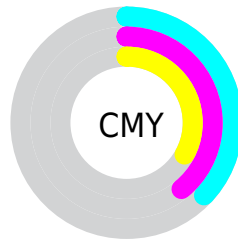
- Red (63%)
- Green (61%)
- Blue (67%)



- Red (63%)
- Yellow (61%)
- Blue (67%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)




- Cyan (37%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3326, 0.3032, 0.3059 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 34.3326, 0.3032, 0.3059 by changing the saturation by 10% instead.

 34.3326, 0.3032,
0.3059


 34.3326, 0.3032,
0.3059


321.6126, 0.3082,
0.3179

 23.1492, 0.3018,
0.3028


 66.4506, 0.3051,
0.3104

 14.7037, 0.3000,
0.2986


 88.1539, 0.3058,
0.3120

 8.6117, 0.2975,
0.2929


114.1328, 0.3064,
0.3134

 4.4888, 0.2937,
0.2847

144.7714, 0.3069,
0.3146

 1.9506, 0.2875,
0.2715

180.4544, 0.3073,
0.3156

 0.5785, 0.2758,
0.2381

221.5659, 0.3077,

 0.0000, 0.0000,

0.3165

0.0000

268.4905, 0.3080,
0.3172

■ 34.3326, 0.3032,
0.3059

■ 34.3326, 0.3032,
0.3059

■ 27.7880, 0.2915,
0.2786

■ 41.8149, 0.3134,
0.3306

■ 22.1393, 0.2781,
0.2491

■ 50.2657, 0.3221,
0.3528

■ 17.3480, 0.2632,
0.2180

■ 59.7201, 0.3295,
0.3725

■ 13.3710, 0.2471,
0.1862

■ 70.2097, 0.3358,
0.3899

■ 10.1613, 0.2303,
0.1553

■ 81.7651, 0.3411,
0.4052

■ 7.6672, 0.2136,
0.1269

■ 91.6909, 0.3465,
0.4150

■ 5.8303, 0.1978,
0.1030

■ 93.7481, 0.3545,
0.4127

■ 4.5824, 0.1840,
0.0850

■ 95.7593, 0.3620,
0.4105

■ 3.7924, 0.1726,
0.0728

Harmonies

Analogous

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



34.3326, 0.2918, 0.3059



34.3326, 0.3032, 0.3059



34.3326, 0.3174, 0.3118

Triad

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



34.3326, 0.3032, 0.3059



34.3326, 0.3402, 0.3454



34.3326, 0.2950, 0.3359

Complementary

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



34.3326, 0.3032, 0.3059



40.1355, 0.3217, 0.3517

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.



34.3326, 0.3076, 0.3472



34.3326, 0.3032, 0.3059



34.3326, 0.3338, 0.3525

Square

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



34.3326, 0.3032, 0.3059



34.3326, 0.3390, 0.3342



34.3326, 0.3218, 0.3533



34.3326, 0.2871, 0.3229

Rectangle

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



34.3326, 0.3032, 0.3059



34.3326, 0.3266, 0.3183



34.3326, 0.3218, 0.3533



34.3326, 0.2988, 0.3401

Sweetspot

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



34.3341, 0.3032, 0.3059



70.5515, 0.3097, 0.3217



37.7656, 0.2986, 0.3220



15.0965, 0.3089, 0.3197



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.



34.3341, 0.3032, 0.3059



59.8982, 0.3011, 0.3009



35.1751, 0.3107, 0.3064



7.8731, 0.3032, 0.3059



2.8114, 0.1728, 0.0726



0.1075, 0.2084, 0.0922

Inverse Universe

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



35.3460, 0.3183, 0.3135



62.0854, 0.3195, 0.3102



39.3061, 0.3145, 0.3522



8.1052, 0.3183, 0.3135



7.5232, 0.4164, 0.2068



0.2185, 0.3813, 0.1874

Previews

White Background



This preview shows how the Yxy color 34.3326, 0.3032, 0.3059 looks on a white background.

Color Contrast Check

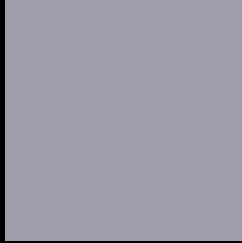
Large Text (above 18pt) WCAG AA × Fail

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 34.3326, 0.3032, 0.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

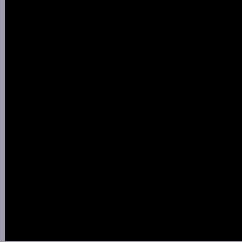
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

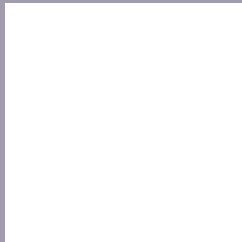
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.3326, 0.3032, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 34.3326, 0.3032, 0.3059.



This preview shows how white text looks on a background with the Yxy color 34.3326, 0.3032, 0.3059.

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

34.3326, 0.3032, 0.3059

Protanopia

34.2992, 0.2986, 0.3057

Deuteranopia

34.3052, 0.3090, 0.3034



Tritanopia

34.4521, 0.3049, 0.3116

Trichromacy



Original Color

34.3326, 0.3032, 0.3059

Protanomaly

34.4002, 0.2996, 0.3058

Deuteranomaly

34.4206, 0.3071, 0.3047

Tritanomaly

34.4898, 0.3040, 0.3101

Monochromacy



Original Color

34.3326, 0.3032, 0.3059

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.6076, 0.3093, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3326, 0.3032, 0.3059 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(161, 156, 172)` looks like.

```
.text, #text, p{  
    color:rgb(161, 156, 172)  
}
```

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(161, 156, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 156, 172) }
```

Border

The CSS property to change the border of an element to Yxy 34.3326, 0.3032, 0.3059 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(161, 156, 172) }
```

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

```
.border{ border-color:rgb(161, 156, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 156, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 156, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 156, 172);  
box-shadow:4px 4px 4px 4px rgb(161, 156,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3326, 0.3032, 0.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 156, 172) }
```

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

```
.background{ background-color: rgb(161,  
156, 172) }
```

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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