

Converting Colors

Yxy(34.6967, 0.3009, 0.2952)

Have a look what the booklet for
Yxy(34.6967, 0.3009, 0.2952)
contains.

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Color

Yxy(34.6967, 0.3009, 0.2952)

Conversions

Conversions Part 1

Format	Color
Hex	A59BB3
RGB	165, 155, 179
RGB Percent	65%, 61%, 70%
CMY	0.3531, 0.3921, 0.2981
CMYK	0.08, 0.13, 0.00, 0.30
HSL	265°, 14%, 65%
HSV	265°, 13%, 70%
XYZ	35.3667, 34.6967, 47.4729
YIQ	160.7260, -1.7440, 9.5840

Conversions

Conversions Part 2

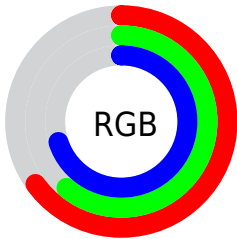
Format	Color
RYB	165, 155, 179
Decimal	10853299
CIELab	65.51, 8.29, -11.12
CIELCh	66, 13.866, 306.694
Yxy	34.6967, 0.3009, 0.2952
Android (android.graphics.Color)	4289043379 (0xFFA59BB3)
YUV	160.7260, 9.0091, 3.7483
Hunter-Lab	58.9039, 4.0918, -6.5513

Details

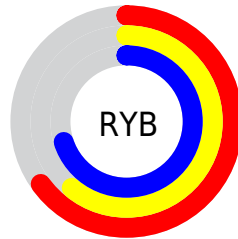
The Yxy color **34.6967, 0.3009, 0.2952** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.0425, 0.3234, 0.3625**, and the grayscale version is **35.4629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8147, 0.3031, 0.3009**, and **14.9177, 0.2972, 0.2855** is the 20% darker color. If you saturate the color by 10%, you get **28.0970, 0.2904, 0.2674**, and if you desaturate by 10%, it is **42.2746, 0.3100, 0.3208**.

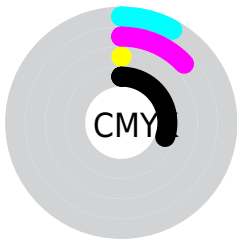
Distribution



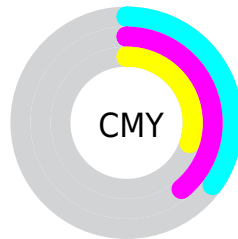
- Red (65%)
- Green (61%)
- Blue (70%)



- Red (65%)
- Yellow (61%)
- Blue (70%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (30%)




- Cyan (35%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6967, 0.3009, 0.2952 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 34.6967, 0.3009, 0.2952 by changing the saturation by 10% instead.


 34.6967, 0.3009,
0.2952


 34.6967, 0.3009,
0.2952


323.2276, 0.3072,
0.3126

 23.4293, 0.2992,
0.2907


 67.0156, 0.3033,
0.3016

 14.9108, 0.2969,
0.2848

 88.8360, 0.3042,
0.3040

 8.7568, 0.2937,
0.2769


114.9428, 0.3049,
0.3060

 4.5829, 0.2889,
0.2654

145.7205, 0.3055,
0.3077

 2.0047, 0.2811,
0.2476

181.5534, 0.3060,
0.3092

 0.6102, 0.2681,
0.2092

222.8260, 0.3065,

 0.0000, 0.0000,

0.3105

0.0000

269.9225, 0.3069,
0.3116

■ 34.6967, 0.3009,
0.2952

■ 34.6967, 0.3009,
0.2952

■ 28.0970, 0.2904,
0.2674

■ 42.2746, 0.3100,
0.3208

■ 22.4300, 0.2785,
0.2379

■ 50.8645, 0.3177,
0.3441

■ 17.6534, 0.2653,
0.2075

■ 60.5045, 0.3242,
0.3651

■ 13.7198, 0.2510,
0.1772

■ 71.2288, 0.3297,
0.3838

■ 10.5771, 0.2361,
0.1486

■ 83.0705, 0.3343,
0.4004

8.1672, 0.2213,
0.1232

91.2403, 0.3396,
0.4085

6.4239, 0.2072,
0.1026

93.0048, 0.3466,
0.4067

5.2677, 0.1945,
0.0878

94.8749, 0.3537,
0.4048

4.7177, 0.1871,
0.0804

96.0341, 0.3579,
0.4037

Harmonies

Analogous

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



34.6967, 0.2830, 0.2937



34.6967, 0.3009, 0.2952



34.6967, 0.3225, 0.3050

Triad

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



34.6967, 0.3009, 0.2952



34.6967, 0.3538, 0.3553



34.6967, 0.2839, 0.3367

Complementary

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



34.6967, 0.3009, 0.2952



43.0425, 0.3234, 0.3625

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.



34.6967, 0.3020, 0.3550



34.6967, 0.3009, 0.2952



34.6967, 0.3426, 0.3654

Square

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



34.6967, 0.3009, 0.2952



34.6967, 0.3536, 0.3389



34.6967, 0.3235, 0.3656



34.6967, 0.2735, 0.3169

Rectangle

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



34.6967, 0.3009, 0.2952



34.6967, 0.3362, 0.3150



34.6967, 0.3235, 0.3656



34.6967, 0.2892, 0.3433

Sweetspot

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



34.6982, 0.3009, 0.2952



74.7490, 0.3094, 0.3192



38.7496, 0.2923, 0.3153



16.3239, 0.3087, 0.3173



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



34.6982, 0.3009, 0.2952



58.5719, 0.2980, 0.2874



36.0026, 0.3119, 0.2963



8.3965, 0.3048, 0.3059



3.3706, 0.1883, 0.0811



0.1406, 0.2218, 0.0995

Inverse Universe

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



35.8981, 0.3234, 0.3098



61.1515, 0.3260, 0.3055



41.8119, 0.3132, 0.3635



8.5859, 0.3199, 0.3157



7.5033, 0.4575, 0.2294



0.2474, 0.4100, 0.2032

Previews

White Background



This preview shows how the Yxy color 34.6967, 0.3009, 0.2952 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 34.6967, 0.3009, 0.2952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

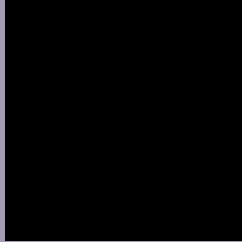
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6967, 0.3009, 0.2952

Background



This preview shows how black text looks on a background with the Yxy color 34.6967, 0.3009, 0.2952.



This preview shows how white text looks on a background with the Yxy color 34.6967, 0.3009, 0.2952.

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

34.6967, 0.3009, 0.2952

Protanopia

34.7585, 0.2902, 0.2959

Deuteranopia

34.6967, 0.3009, 0.2952



Tritanopia

34.7650, 0.3078, 0.3117

Trichromacy



Original Color

34.6967, 0.3009, 0.2952

Protanomaly

34.7802, 0.2946, 0.2961

Deuteranomaly

34.6967, 0.3009, 0.2952

Tritanomaly

34.6866, 0.3052, 0.3047

Monochromacy



Original Color

34.6967, 0.3009, 0.2952

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.3048, 0.3076, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6967, 0.3009, 0.2952 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(165, 155, 179)` looks like.

```
.text, #text, p{  
    color:rgb(165, 155, 179)  
}
```

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(165, 155, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 155, 179) }
```

Border

The CSS property to change the border of an element to Yxy 34.6967, 0.3009, 0.2952 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(165, 155, 179) }
```

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

```
.border{ border-color:rgb(165, 155, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 155, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 155, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 155, 179);  
box-shadow:4px 4px 4px 4px rgb(165, 155,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6967, 0.3009, 0.2952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 155, 179) }
```

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

```
.background{ background-color: rgb(165,  
155, 179) }
```

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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