

Converting Colors

$Y_{xy}(34.5229, 0.3157, 0.3077)$

Have a look what the booklet for
Yxy(34.5229, 0.3157, 0.3077)
contains.

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Color

Yxy(34.6337, 0.3157, 0.3079)

Conversions

Conversions Part 1

Format	Color
Hex	AB9AA9
RGB	171, 154, 169
RGB Percent	67%, 60%, 66%
CMY	0.3294, 0.3961, 0.3373
CMYK	0.00, 0.10, 0.01, 0.33
HSL	307°, 9%, 64%
HSV	307°, 10%, 67%
XYZ	35.5111, 34.6337, 42.3388
YIQ	160.7930, 5.3170, 8.2690

Conversions

Conversions Part 2

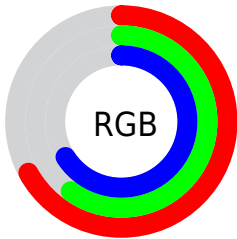
Format	Color
RYB	171, 154, 169
Decimal	11246249
CIELab	65.46, 8.99, -5.53
CIElCh	65, 10.550, 328.412
Yxy	34.6337, 0.3157, 0.3079
Android (android.graphics.Color)	4289436329 (0xFFAB9AA9)
YUV	160.7930, 4.0461, 8.9515
Hunter-Lab	58.8504, 4.7209, -1.4598

Details

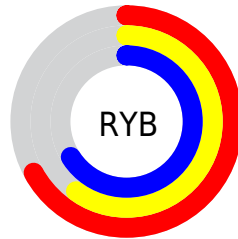
The Yxy color **34.6337, 0.3157, 0.3079** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4006, 0.3099, 0.3510**, and the grayscale version is **35.5192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6623, 0.3150, 0.3117**, and **14.9068, 0.3168, 0.3014** is the 20% darker color. If you saturate the color by 10%, you get **29.3105, 0.3191, 0.2860**, and if you desaturate by 10%, it is **40.7653, 0.3127, 0.3291**.

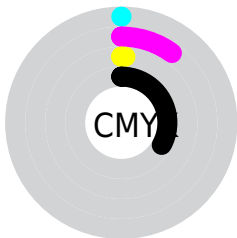
Distribution



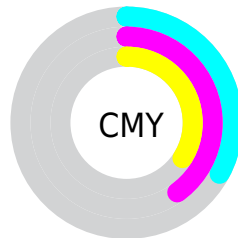
- Red (67%)
- Green (60%)
- Blue (66%)



- Red (67%)
- Yellow (60%)
- Blue (66%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (33%)




- Cyan (33%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6337, 0.3157, 0.3079 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 34.6337, 0.3157, 0.3079 by changing the saturation by 10% instead.


 34.6337, 0.3157,
0.3079


 34.6337, 0.3157,
0.3079


322.9485, 0.3142,
0.3188

 23.3808, 0.3161,
0.3051


 66.9179, 0.3152,
0.3120

 14.8750, 0.3165,
0.3013


 88.7181, 0.3150,
0.3135

 8.7317, 0.3172,
0.2962


114.8028, 0.3148,
0.3147

 4.5666, 0.3180,
0.2888

145.5565, 0.3146,
0.3158

 1.9953, 0.3193,
0.2771

181.3635, 0.3145,
0.3167

 0.6047, 0.3247,
0.2472

222.6082, 0.3144,

 0.0000, 0.0000,

0.3175

0.0000

269.6751, 0.3143,
0.3182

■ 34.6337, 0.3157,
0.3079

■ 34.6337, 0.3157,
0.3079

■ 29.3105, 0.3191,
0.2860

■ 40.7653, 0.3127,
0.3291

■ 24.7573, 0.3229,
0.2640

■ 47.7327, 0.3101,
0.3493

■ 20.9394, 0.3270,
0.2427

■ 55.5673, 0.3078,
0.3682

■ 17.8177, 0.3314,
0.2227

■ 64.2979, 0.3059,
0.3858

■ 15.3494, 0.3359,
0.2051

■ 73.9517, 0.3042,
0.4019

■ 13.4870, 0.3405,
0.1909

■ 83.5240, 0.3028,
0.4152

■ 12.1765, 0.3450,
0.1805

■ 83.6085, 0.3017,
0.4127

■ 11.3546, 0.3492,
0.1745

■ 83.6942, 0.3007,
0.4102

■ 10.8830, 0.3533,
0.1720

■ 83.7812, 0.2996,
0.4077

Harmonies

Analogous

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



34.6337, 0.2996, 0.3020



34.6337, 0.3157, 0.3079



34.6337, 0.3314, 0.3190

Triad

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



34.6337, 0.3157, 0.3079



34.6337, 0.3386, 0.3553



34.6337, 0.2841, 0.3240

Complementary

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



34.6337, 0.3157, 0.3079



38.4006, 0.3099, 0.3510

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.



34.6337, 0.2941, 0.3390



34.6337, 0.3157, 0.3079



34.6337, 0.3254, 0.3575

Square

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



34.6337, 0.3157, 0.3079



34.6337, 0.3448, 0.3461



34.6337, 0.3091, 0.3515



34.6337, 0.2817, 0.3108

Rectangle

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



34.6337, 0.3157, 0.3079



34.6337, 0.3394, 0.3282



34.6337, 0.3091, 0.3515



34.6337, 0.2867, 0.3290

Sweetspot

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



34.6352, 0.3157, 0.3079



69.4294, 0.3136, 0.3226



33.1199, 0.2994, 0.3040



15.2847, 0.3138, 0.3209



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.



34.6352, 0.3157, 0.3079



59.7357, 0.3164, 0.3030



34.3278, 0.3236, 0.3197



8.1314, 0.3155, 0.3093



8.2066, 0.3529, 0.1718



0.2328, 0.3420, 0.1658

Inverse Universe

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



34.6352, 0.3157, 0.3079



59.7357, 0.3164, 0.3030



38.6973, 0.3029, 0.3385



8.1314, 0.3155, 0.3093



8.2066, 0.3529, 0.1718



0.2328, 0.3420, 0.1658

Previews

White Background



This preview shows how the Yxy color 34.6337, 0.3157, 0.3079 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 34.6337, 0.3157, 0.3079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

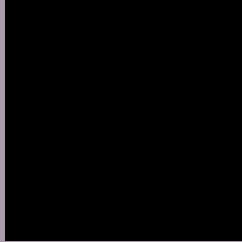
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6337, 0.3157, 0.3079

Background



This preview shows how black text looks on a background with the Yxy color 34.6337, 0.3157, 0.3079.



This preview shows how white text looks on a background with the Yxy color 34.6337, 0.3157, 0.3079.

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

34.6337, 0.3157, 0.3079

Protanopia

34.6631, 0.3013, 0.3101

Deuteranopia

34.5218, 0.3147, 0.3078



Tritanopia

34.5591, 0.3175, 0.3106

Trichromacy



Original Color

34.6337, 0.3157, 0.3079

Protanomaly

34.8028, 0.3069, 0.3103

Deuteranomaly

34.5218, 0.3147, 0.3078

Tritanomaly

34.5963, 0.3166, 0.3093

Monochromacy



Original Color

34.6337, 0.3157, 0.3079

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.1334, 0.3141, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6337, 0.3157, 0.3079 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, 154, 169)` looks like.

```
.text, #text, p{  
    color:rgb(171, 154, 169)  
}
```

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, 154, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 154, 169) }
```

Border

The CSS property to change the border of an element to Yxy 34.6337, 0.3157, 0.3079 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, 154, 169) }
```

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

```
.border{ border-color:rgb(171, 154, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 154, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 154, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 154, 169);  
box-shadow:4px 4px 4px 4px rgb(171, 154,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6337, 0.3157, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 154, 169) }
```

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

```
.background{ background-color: rgb(171,  
154, 169) }
```

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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