

Converting Colors

$Yxy(35.9533, 0.3038, 0.3148)$

Have a look what the booklet for
Yxy(35.9533, 0.3038, 0.3148)
contains.

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Color

Yxy(36.0071, 0.3040, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	A1A1AB
RGB	161, 161, 171
RGB Percent	63%, 63%, 67%
CMY	0.3686, 0.3686, 0.3293
CMYK	0.06, 0.06, 0.00, 0.33
HSL	240°, 6%, 65%
HSV	240°, 6%, 67%
XYZ	34.7939, 36.0071, 43.6526
YIQ	162.1400, -3.2100, 3.1100

Conversions

Conversions Part 2

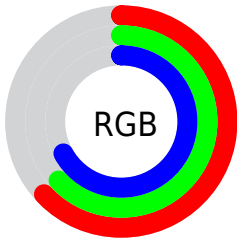
Format	Color
RYB	161, 161, 171
Decimal	10592683
CIELab	66.53, 1.96, -5.19
CIELCh	67, 5.548, 290.741
Yxy	36.0071, 0.3040, 0.3146
Android (android.graphics.Color)	4288782763 (0xFFA1A1AB)
YUV	162.1400, 4.3680, -0.9998
Hunter-Lab	60.0059, -1.5087, -1.1276

Details

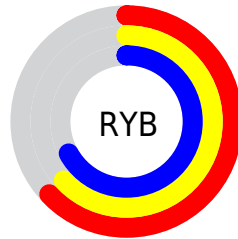
The Yxy color **36.0071, 0.3040, 0.3146** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3623, 0.3212, 0.3430**, and the grayscale version is **36.1814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2017, 0.3061, 0.3180**, and **15.7350, 0.3004, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **28.7819, 0.2875, 0.2874**, and if you desaturate by 10%, it is **44.2946, 0.3185, 0.3385**.

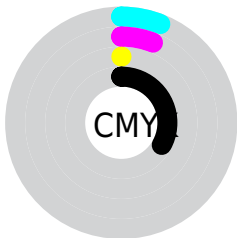
Distribution



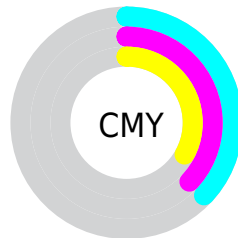
- Red (63%)
- Green (63%)
- Blue (67%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0071, 0.3040, 0.3146 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 36.0071, 0.3040, 0.3146 by changing the saturation by 10% instead.

■ 36.0071, 0.3040,
0.3146

■ 36.0071, 0.3040,
0.3146

■ 328.9916, 0.3086,
0.3221

■ 24.4397, 0.3028,
0.3126

■ 69.0430, 0.3057,
0.3174

■ 15.6601, 0.3012,
0.3101

■ 91.2803, 0.3063,
0.3184

■ 9.2840, 0.2990,
0.3065

■ 117.8430, 0.3069,
0.3193

■ 4.9269, 0.2958,
0.3014

■ 149.1155, 0.3073,
0.3200

■ 2.2044, 0.2905,
0.2932

■ 185.4823, 0.3077,
0.3206

■ 0.7224, 0.2806,
0.2759

■ 227.3276, 0.3080,

■ 0.0000, 0.0000,

0.3212

0.0000

275.0359, 0.3083,
0.3217

■ 36.0071, 0.3040,
0.3146

■ 36.0071, 0.3040,
0.3146

■ 28.7819, 0.2875,
0.2874

■ 44.2946, 0.3185,
0.3385

■ 22.5716, 0.2691,
0.2569

■ 53.6799, 0.3310,
0.3592

■ 17.3323, 0.2490,
0.2237

■ 64.2028, 0.3418,
0.3771

■ 13.0148, 0.2278,
0.1888

■ 75.8997, 0.3511,
0.3924

■ 9.5659, 0.2068,
0.1540

■ 88.8052, 0.3591,
0.4056

■ 6.9267, 0.1873,
0.1217

■ 95.7209, 0.3626,
0.4115

■ 5.0313, 0.1709,
0.0947

■ 3.8033, 0.1591,
0.0750

■ 3.1433, 0.1522,
0.0636

Harmonies

Analogous

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



36.0071, 0.2983, 0.3162



36.0071, 0.3040, 0.3146



36.0071, 0.3121, 0.3168

Triad

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



36.0071, 0.3040, 0.3146



36.0071, 0.3294, 0.3365



36.0071, 0.3049, 0.3361

Complementary

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



36.0071, 0.3040, 0.3146



40.3623, 0.3212, 0.3430

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.



36.0071, 0.3131, 0.3417



36.0071, 0.3040, 0.3146



36.0071, 0.3273, 0.3418

Square

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



36.0071, 0.3040, 0.3146



36.0071, 0.3269, 0.3293



36.0071, 0.3214, 0.3438



36.0071, 0.2988, 0.3285

Rectangle

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



36.0071, 0.3040, 0.3146



36.0071, 0.3178, 0.3201



36.0071, 0.3214, 0.3438



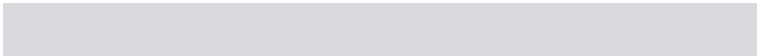
36.0071, 0.3075, 0.3382

Sweetspot

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



36.0086, 0.3040, 0.3146



69.9218, 0.3098, 0.3241



39.6437, 0.3039, 0.3292



15.6293, 0.3099, 0.3244



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.



36.0086, 0.3040, 0.3146



62.7370, 0.3020, 0.3114



36.5188, 0.3085, 0.3148



8.0821, 0.3015, 0.3105



2.2193, 0.1500, 0.0601



0.0621, 0.1501, 0.0604

Inverse Universe

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



36.7214, 0.3223, 0.3290



64.2755, 0.3246, 0.3290



39.8313, 0.3167, 0.3432



8.2904, 0.3252, 0.3290



6.5271, 0.6400, 0.3299



0.1816, 0.6394, 0.3296

Previews

White Background



This preview shows how the Yxy color 36.0071, 0.3040, 0.3146 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 36.0071, 0.3040, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

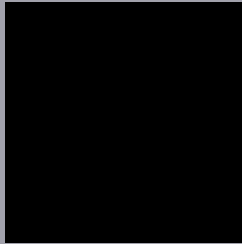
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

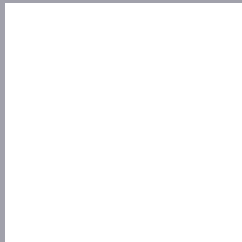
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.0071, 0.3040, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 36.0071, 0.3040, 0.3146.



This preview shows how white text looks on a background with the Yxy color 36.0071, 0.3040, 0.3146.

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

36.0071, 0.3040, 0.3146

Protanopia

36.1114, 0.3049, 0.3147

Deuteranopia

35.9767, 0.3147, 0.3081



Tritanopia

36.0839, 0.3023, 0.3118

Trichromacy



Original Color

36.0071, 0.3040, 0.3146

Protanomaly

36.1114, 0.3049, 0.3147

Deuteranomaly

35.8673, 0.3108, 0.3093

Tritanomaly

36.0454, 0.3032, 0.3132

Monochromacy



Original Color

36.0071, 0.3040, 0.3146

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.2387, 0.3101, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0071, 0.3040, 0.3146 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, 161, 171)` looks like.

```
.text, #text, p{  
    color:rgb(161, 161, 171)  
}
```

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, 161, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 161, 171) }
```

Border

The CSS property to change the border of an element to Yxy 36.0071, 0.3040, 0.3146 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, 161, 171) }
```

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

```
.border{ border-color:rgb(161, 161, 171) }
```

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

Here you see how a box with a 4 pixel rgb(161, 161, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 161, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 161, 171);  
box-shadow:4px 4px 4px 4px rgb(161, 161,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0071, 0.3040, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 161, 171) }
```

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

```
.background{ background-color: rgb(161,  
161, 171) }
```

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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