

Converting Colors

$Yxy(36.5231, 0.3137, 0.3004)$

Have a look what the booklet for
Yxy(36.5231, 0.3137, 0.3004)
contains.

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Color

Yxy(36.6754, 0.3131, 0.3004)

Conversions

Conversions Part 1

Format	Color
Hex	B19DB2
RGB	177, 157, 178
RGB Percent	69%, 62%, 70%
CMY	0.3059, 0.3843, 0.3019
CMYK	0.01, 0.12, 0.00, 0.30
HSL	297°, 12%, 66%
HSV	297°, 12%, 70%
XYZ	38.2259, 36.6754, 47.1872
YIQ	165.3740, 5.1790, 10.7710

Conversions

Conversions Part 2

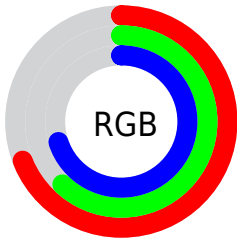
Format	Color
RYB	177, 157, 178
Decimal	11640242
CIELab	67.03, 11.17, -8.19
CIElCh	67, 13.852, 323.750
Yxy	36.6754, 0.3131, 0.3004
Android (android.graphics.Color)	4289830322 (0xFFB19DB2)
YUV	165.3740, 6.2246, 10.1960
Hunter-Lab	60.5602, 6.6897, -3.8053

Details

The Yxy color **36.6754, 0.3131, 0.3004** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.5473, 0.3122, 0.3592**, and the grayscale version is **37.7847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3511, 0.3131, 0.3059**, and **16.0738, 0.3130, 0.2931** is the 20% darker color. If you saturate the color by 10%, you get **30.9868, 0.3133, 0.2755**, and if you desaturate by 10%, it is **43.2453, 0.3128, 0.3247**.

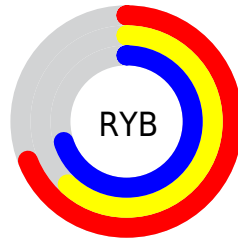
Distribution



Red (69%)

Green (62%)

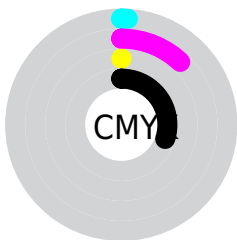
Blue (70%)



Red (69%)

Yellow (62%)

Blue (70%)

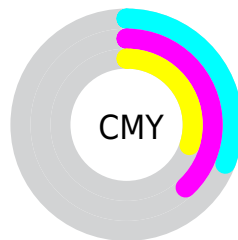


Cyan (1%)

Magenta (12%)

Yellow (0%)

Black (30%)



Cyan (31%)

Magenta (38%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6754, 0.3131, 0.3004 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 36.6754, 0.3131, 0.3004 by changing the saturation by 10% instead.


 36.6754, 0.3131,
0.3004

 36.6754, 0.3131,
0.3004

331.9030, 0.3130,
0.3150

 24.9563, 0.3131,
0.2967


 70.0733, 0.3131,
0.3058

 16.0445, 0.3130,
0.2918


 92.5208, 0.3131,
0.3078

 9.5556, 0.3129,
0.2853


119.3132, 0.3131,
0.3094

 5.1053, 0.3126,
0.2760

150.8350, 0.3131,
0.3109

 2.3092, 0.3120,
0.2617

187.4705, 0.3131,
0.3121

 0.7786, 0.3105,
0.2360

229.6040, 0.3131,

 0.0000, 0.0000,

0.3132

0.0000

277.6201, 0.3130,
0.3141

■ 36.6754, 0.3131,
0.3004

■ 36.6754, 0.3131,
0.3004

■ 30.9868, 0.3133,
0.2755

■ 43.2453, 0.3128,
0.3247

■ 26.1370, 0.3134,
0.2507

■ 50.7274, 0.3124,
0.3480

■ 22.0870, 0.3133,
0.2268

■ 59.1566, 0.3119,
0.3698

■ 18.7930, 0.3130,
0.2048

■ 68.5648, 0.3115,
0.3900

■ 16.2068, 0.3125,
0.1856

■ 78.9824, 0.3110,
0.4086

■ 14.2748, 0.3119,
0.1700

■ 84.6908, 0.3110,
0.4173

■ 12.9357, 0.3110,
0.1585

■ 84.7944, 0.3115,
0.4172

■ 12.1166, 0.3100,
0.1513

■ 84.8986, 0.3120,
0.4170

■ 11.7090, 0.3091,
0.1476

■ 85.0034, 0.3125,
0.4169

Harmonies

Analogous

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



36.6754, 0.2928, 0.2941



36.6754, 0.3131, 0.3004



36.6754, 0.3339, 0.3137

Triad

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



36.6754, 0.3131, 0.3004



36.6754, 0.3479, 0.3615



36.6754, 0.2775, 0.3253

Complementary

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



36.6754, 0.3131, 0.3004



41.5473, 0.3122, 0.3592

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.



36.6754, 0.2914, 0.3449



36.6754, 0.3131, 0.3004



36.6754, 0.3320, 0.3662

Square

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



36.6754, 0.3131, 0.3004



36.6754, 0.3544, 0.3484



36.6754, 0.3112, 0.3601



36.6754, 0.2728, 0.3076

Rectangle

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



36.6754, 0.3131, 0.3004



36.6754, 0.3450, 0.3250



36.6754, 0.3112, 0.3601



36.6754, 0.2812, 0.3319

Sweetspot

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



36.6770, 0.3131, 0.3004



75.5708, 0.3129, 0.3193



34.8541, 0.2944, 0.3003



16.5388, 0.3129, 0.3175



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.



36.6770, 0.3131, 0.3004



63.8419, 0.3132, 0.2944



36.4281, 0.3227, 0.3131



8.6257, 0.3130, 0.3065



8.3851, 0.3092, 0.1477



0.2701, 0.3127, 0.1496

Inverse Universe

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



36.0488, 0.3326, 0.3277



62.4928, 0.3374, 0.3274



41.7819, 0.3038, 0.3454



8.5116, 0.3280, 0.3280



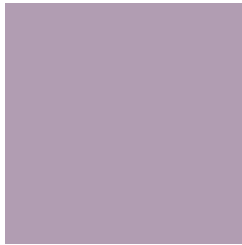
6.7883, 0.6338, 0.3265



0.2157, 0.6086, 0.3126

Previews

White Background



This preview shows how the Yxy color 36.6754, 0.3131, 0.3004 looks on a white background.

Color Contrast Check

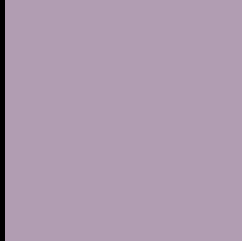
Large Text (above 18pt) WCAG AA × Fail

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 36.6754, 0.3131, 0.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

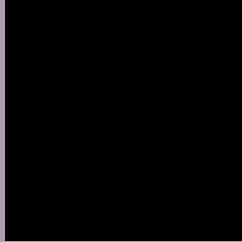
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6754, 0.3131, 0.3004

Background



This preview shows how black text looks on a background with the Yxy color 36.6754, 0.3131, 0.3004.



This preview shows how white text looks on a background with the Yxy color 36.6754, 0.3131, 0.3004.

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

36.6754, 0.3131, 0.3004

Protanopia

36.7539, 0.2956, 0.3022

Deuteranopia

36.7813, 0.3083, 0.3028



Tritanopia

36.6241, 0.3184, 0.3111

Trichromacy



Original Color

36.6754, 0.3131, 0.3004

Protanomaly

36.6524, 0.3019, 0.3011

Deuteranomaly

36.6667, 0.3102, 0.3016

Tritanomaly

36.7398, 0.3157, 0.3070

Monochromacy



Original Color

36.6754, 0.3131, 0.3004

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.1780, 0.3123, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6754, 0.3131, 0.3004 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(177, 157, 178)` looks like.

```
.text, #text, p{  
    color:rgb(177, 157, 178)  
}
```

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(177, 157, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 157, 178) }
```

Border

The CSS property to change the border of an element to Yxy 36.6754, 0.3131, 0.3004 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(177, 157, 178) }
```

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

```
.border{ border-color:rgb(177, 157, 178) }
```

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

Here you see how a box with a 4 pixel rgb(177, 157, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 157, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 157, 178);  
box-shadow:4px 4px 4px 4px rgb(177, 157,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6754, 0.3131, 0.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 157, 178) }
```

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

```
.background{ background-color: rgb(177,  
157, 178) }
```

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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