

Converting Colors

Yxy(36.2625, 0.3045, 0.3142)

Have a look what the booklet for
Yxy(36.2625, 0.3045, 0.3142)
contains.

Yxy(36.1497, 0.3041, 0.3133)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.1497, 0.3041, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	A2A1AC
RGB	162, 161, 172
RGB Percent	64%, 63%, 67%
CMY	0.3647, 0.3686, 0.3256
CMYK	0.06, 0.06, 0.00, 0.33
HSL	245°, 6%, 65%
HSV	245°, 6%, 67%
XYZ	35.0882, 36.1497, 44.1458
YIQ	162.5530, -2.9350, 3.6330

Conversions

Conversions Part 2

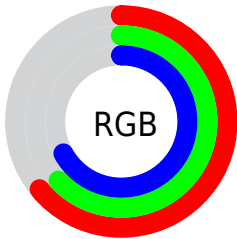
Format	Color
RYB	162, 161, 172
Decimal	10658220
CIELab	66.63, 2.50, -5.55
CIELCh	67, 6.091, 294.245
Yxy	36.1497, 0.3041, 0.3133
Android (android.graphics.Color)	4288848300 (0xFFA2A1AC)
YUV	162.5530, 4.6574, -0.4850
Hunter-Lab	60.1246, -1.0471, -1.4457

Details

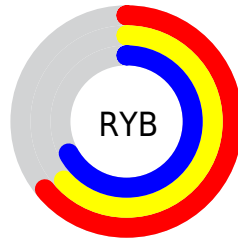
The Yxy color **36.1497, 0.3041, 0.3133** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7272, 0.3211, 0.3443**, and the grayscale version is **36.3827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4095, 0.3061, 0.3170**, and **15.8229, 0.3005, 0.3089** is the 20% darker color. If you saturate the color by 10%, you get **29.0088, 0.2890, 0.2861**, and if you desaturate by 10%, it is **44.3246, 0.3173, 0.3374**.

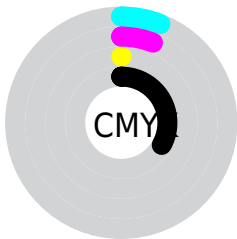
Distribution



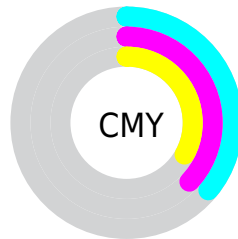
- Red (64%)
- Green (63%)
- Blue (67%)



- Red (64%)
- Yellow (63%)
- Blue (67%)



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




- Cyan (36%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1497, 0.3041, 0.3133 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 36.1497, 0.3041, 0.3133 by changing the saturation by 10% instead.


 36.1497, 0.3041,
0.3133


 36.1497, 0.3041,
0.3133


329.6144, 0.3086,
0.3214

 24.5498, 0.3029,
0.3112


 69.2631, 0.3058,
0.3163

 15.7420, 0.3013,
0.3084


 91.5453, 0.3064,
0.3174

 9.3418, 0.2992,
0.3046


118.1572, 0.3069,
0.3184

 4.9648, 0.2959,
0.2990

149.4831, 0.3074,
0.3192

 2.2266, 0.2908,
0.2902

185.9074, 0.3077,
0.3199

 0.7344, 0.2812,
0.2721

227.8144, 0.3081,

 0.0000, 0.0000,

0.3205

0.0000

275.5886, 0.3084,
0.3210

■ 36.1497, 0.3041,
0.3133

■ 36.1497, 0.3041,
0.3133

■ 29.0088, 0.2890,
0.2861

■ 44.3246, 0.3173,
0.3374

■ 22.8563, 0.2720,
0.2560

■ 53.5677, 0.3287,
0.3584

■ 17.6499, 0.2534,
0.2233

■ 63.9170, 0.3384,
0.3767

■ 13.3427, 0.2335,
0.1891

■ 75.4077, 0.3468,
0.3926

■ 9.8836, 0.2134,
0.1552

■ 88.0731, 0.3540,
0.4063

■ 7.2164, 0.1942,
0.1236

■ 95.7577, 0.3620,
0.4105

■ 5.2780, 0.1774,
0.0969

■ 3.9958, 0.1642,
0.0771

■ 3.2730, 0.1554,
0.0650

Harmonies

Analogous

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



36.1497, 0.2974, 0.3145



36.1497, 0.3041, 0.3133



36.1497, 0.3132, 0.3161

Triad

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



36.1497, 0.3041, 0.3133



36.1497, 0.3310, 0.3380



36.1497, 0.3032, 0.3358

Complementary

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



36.1497, 0.3041, 0.3133



40.7272, 0.3211, 0.3443

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.



36.1497, 0.3121, 0.3424



36.1497, 0.3041, 0.3133



36.1497, 0.3282, 0.3435

Square

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



36.1497, 0.3041, 0.3133



36.1497, 0.3288, 0.3302



36.1497, 0.3212, 0.3452



36.1497, 0.2969, 0.3275

Rectangle

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



36.1497, 0.3041, 0.3133



36.1497, 0.3194, 0.3200



36.1497, 0.3212, 0.3452



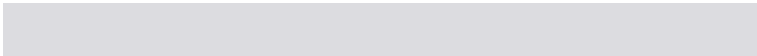
36.1497, 0.3060, 0.3383

Sweetspot

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



36.1512, 0.3041, 0.3133



71.8084, 0.3100, 0.3241



39.7054, 0.3030, 0.3277



15.6417, 0.3102, 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.



36.1512, 0.3041, 0.3133



63.1800, 0.3016, 0.3087



36.7307, 0.3091, 0.3136



7.7902, 0.2999, 0.3057



2.3057, 0.1536, 0.0620



0.0749, 0.1685, 0.0702

Inverse Universe

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



37.2013, 0.3143, 0.3151



65.5865, 0.3148, 0.3112



40.1314, 0.3161, 0.3445



8.1355, 0.3151, 0.3086



8.3325, 0.3444, 0.1671



0.2353, 0.3365, 0.1627

Previews

White Background



This preview shows how the Yxy color 36.1497, 0.3041, 0.3133 looks on a white background.

Color Contrast Check

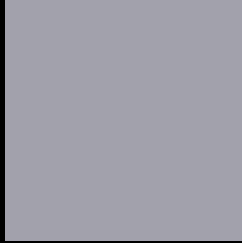
Large Text (above 18pt) WCAG AA × Fail

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 36.1497, 0.3041, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

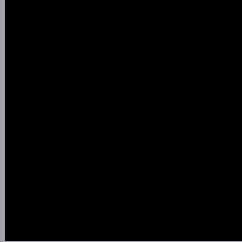
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

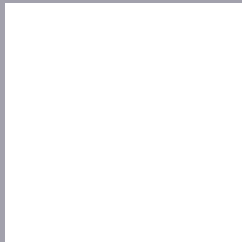
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.1497, 0.3041, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 36.1497, 0.3041, 0.3133.



This preview shows how white text looks on a background with the Yxy color 36.1497, 0.3041, 0.3133.

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

36.1497, 0.3041, 0.3133

Protanopia

36.1497, 0.3041, 0.3133

Deuteranopia

36.0153, 0.3138, 0.3068



Tritanopia

36.1883, 0.3032, 0.3119

Trichromacy



Original Color

36.1497, 0.3041, 0.3133

Protanomaly

36.1497, 0.3041, 0.3133

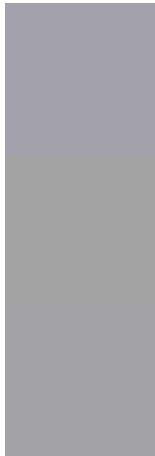
Deuteranomaly

35.9059, 0.3099, 0.3079

Tritanomaly

36.1883, 0.3032, 0.3119

Monochromacy



Original Color

36.1497, 0.3041, 0.3133

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.3804, 0.3102, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1497, 0.3041, 0.3133 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(162, 161, 172)` looks like.

```
.text, #text, p{  
    color:rgb(162, 161, 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(162, 161, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 161, 172) }
```

Border

The CSS property to change the border of an element to Yxy 36.1497, 0.3041, 0.3133 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(162, 161, 172) }
```

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

```
.border{ border-color:rgb(162, 161, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 161, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 161, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 161, 172);  
box-shadow:4px 4px 4px 4px rgb(162, 161,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1497, 0.3041, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 161, 172) }
```

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

```
.background{ background-color: rgb(162,  
161, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor