

Converting Colors

$Yxy(36.4186, 0.3017, 0.2936)$

Have a look what the booklet for
Yxy(36.4186, 0.3017, 0.2936)
contains.

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Color

Yxy(36.4605, 0.3013, 0.2933)

Conversions

Conversions Part 1

Format	Color
Hex	AA9EB8
RGB	170, 158, 184
RGB Percent	67%, 62%, 72%
CMY	0.3333, 0.3804, 0.2785
CMYK	0.08, 0.14, 0.00, 0.28
HSL	268°, 15%, 67%
HSV	268°, 14%, 72%
XYZ	37.4550, 36.4605, 50.3958
YIQ	164.5520, -1.1940, 10.6300

Conversions

Conversions Part 2

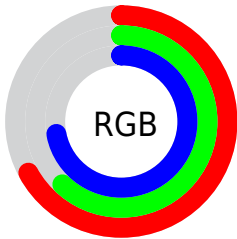
Format	Color
RYB	170, 158, 184
Decimal	11181752
CIELab	66.87, 9.37, -11.83
CIELCh	67, 15.091, 308.400
Yxy	36.4605, 0.3013, 0.2933
Android (android.graphics.Color)	4289371832 (0xFFAA9EB8)
YUV	164.5520, 9.5879, 4.7779
Hunter-Lab	60.3825, 5.0533, -7.2162

Details

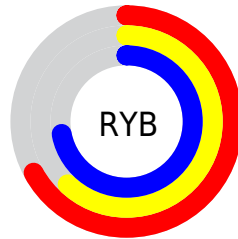
The Yxy color **36.4605, 0.3013, 0.2933** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.5061, 0.3230, 0.3645**, and the grayscale version is **37.3557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8873, 0.3033, 0.3004**, and **16.0056, 0.2978, 0.2833** is the 20% darker color. If you saturate the color by 10%, you get **29.5868, 0.2916, 0.2656**, and if you desaturate by 10%, it is **44.3599, 0.3096, 0.3190**.

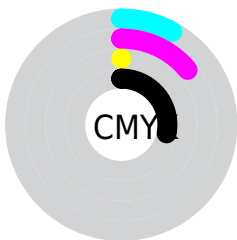
Distribution



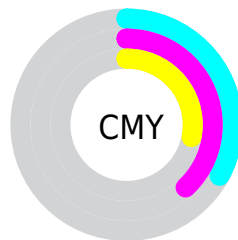
- Red (67%)
- Green (62%)
- Blue (72%)



- Red (67%)
- Yellow (62%)
- Blue (72%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (28%)





- Cyan (33%)
- Magenta (38%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4605, 0.3013, 0.2933 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 36.4605, 0.3013, 0.2933 by changing the saturation by 10% instead.


 36.4605, 0.3013,
0.2933


 36.4605, 0.3013,
0.2933

330.9688, 0.3074,
0.3115

 24.7901, 0.2997,
0.2887


 69.7422, 0.3036,
0.3000

 15.9207, 0.2975,
0.2826


 92.1223, 0.3044,
0.3025

 9.4681, 0.2945,
0.2745


118.8411, 0.3051,
0.3046

 5.0477, 0.2900,
0.2630

150.2829, 0.3057,
0.3064

 2.2753, 0.2827,
0.2454

186.8322, 0.3062,
0.3079

 0.7606, 0.2694,
0.2142

228.8734, 0.3067,

 0.0000, 0.0000,

0.3092

0.0000

276.7908, 0.3070,
0.3104

■ 36.4605, 0.3013,
0.2933

■ 36.4605, 0.3013,
0.2933

■ 29.5868, 0.2916,
0.2656

■ 44.3599, 0.3096,
0.3190

■ 23.6906, 0.2806,
0.2363

■ 53.3210, 0.3168,
0.3426

■ 18.7269, 0.2684,
0.2064

■ 63.3840, 0.3228,
0.3638

■ 14.6452, 0.2551,
0.1768

■ 74.5853, 0.3278,
0.3829

■ 11.3900, 0.2412,
0.1491

■ 86.9598, 0.3320,
0.3999

8.8993, 0.2272,
0.1248

91.6985, 0.3377,
0.4030

7.1018, 0.2139,
0.1052

93.3762, 0.3443,
0.4014

5.9120, 0.2018,
0.0913

95.1482, 0.3510,
0.3998

5.3926, 0.1952,
0.0849

96.2396, 0.3550,
0.3989

Harmonies

Analogous

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



36.4605, 0.2818, 0.2911



36.4605, 0.3013, 0.2933



36.4605, 0.3245, 0.3042

Triad

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



36.4605, 0.3013, 0.2933



36.4605, 0.3563, 0.3579



36.4605, 0.2810, 0.3360

Complementary

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



36.4605, 0.3013, 0.2933



45.5061, 0.3230, 0.3645

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.



36.4605, 0.3000, 0.3559



36.4605, 0.3013, 0.2933



36.4605, 0.3436, 0.3683

Square

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



36.4605, 0.3013, 0.2933



36.4605, 0.3569, 0.3406



36.4605, 0.3229, 0.3679



36.4605, 0.2705, 0.3148

Rectangle

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



36.4605, 0.3013, 0.2933



36.4605, 0.3390, 0.3150



36.4605, 0.3229, 0.3679



36.4605, 0.2865, 0.3431

Sweetspot

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



36.4620, 0.3013, 0.2933



80.5141, 0.3097, 0.3192



40.3439, 0.2911, 0.3126



17.1111, 0.3091, 0.3173



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



36.4620, 0.3013, 0.2933



61.9703, 0.2984, 0.2847



37.9425, 0.3131, 0.2946



8.9174, 0.3055, 0.3059



3.7589, 0.1965, 0.0856



0.1694, 0.2263, 0.1021

Inverse Universe

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



37.6200, 0.3252, 0.3103



64.5103, 0.3285, 0.3059



44.1408, 0.3121, 0.3657



9.0908, 0.3206, 0.3168



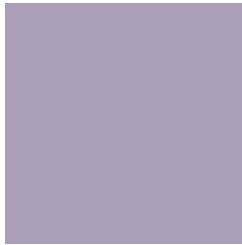
7.6577, 0.4774, 0.2404



0.2823, 0.4267, 0.2124

Previews

White Background



This preview shows how the Yxy color 36.4605, 0.3013, 0.2933 looks on a white background.

Color Contrast Check

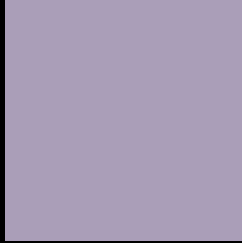
Large Text (above 18pt) WCAG AA × Fail

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 36.4605, 0.3013, 0.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

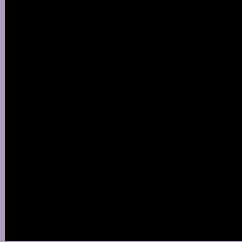
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4605, 0.3013, 0.2933

Background



This preview shows how black text looks on a background with the Yxy color 36.4605, 0.3013, 0.2933.



This preview shows how white text looks on a background with the Yxy color 36.4605, 0.3013, 0.2933.

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

36.4605, 0.3013, 0.2933

Protanopia

36.4058, 0.2898, 0.2938

Deuteranopia

36.3494, 0.3004, 0.2932



Tritanopia

36.4836, 0.3088, 0.3107

Trichromacy



Original Color

36.4605, 0.3013, 0.2933

Protanomaly

36.4309, 0.2941, 0.2941

Deuteranomaly

36.3494, 0.3004, 0.2932

Tritanomaly

36.4056, 0.3063, 0.3039

Monochromacy



Original Color

36.4605, 0.3013, 0.2933

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.0347, 0.3087, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4605, 0.3013, 0.2933 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(170, 158, 184)` looks like.

```
.text, #text, p{  
    color:rgb(170, 158, 184)  
}
```

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(170, 158, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 158, 184) }
```

Border

The CSS property to change the border of an element to Yxy 36.4605, 0.3013, 0.2933 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(170, 158, 184) }
```

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

```
.border{ border-color:rgb(170, 158, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 158, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 158, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 158, 184);  
box-shadow:4px 4px 4px 4px rgb(170, 158,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4605, 0.3013, 0.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 158, 184) }
```

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

```
.background{ background-color: rgb(170,  
158, 184) }
```

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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