

Converting Colors

Yxy(61.8973, 0.3012, 0.2934)

Have a look what the booklet for
Yxy(61.8973, 0.3012, 0.2934)
contains.

Yxy(62.1036, 0.3009, 0.2937)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.1036, 0.3009, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	D7C9E9
RGB	215, 201, 233
RGB Percent	84%, 79%, 91%
CMY	0.1567, 0.2118, 0.0863
CMYK	0.08, 0.14, 0.00, 0.09
HSL	266°, 42%, 85%
HSV	266°, 14%, 91%
XYZ	63.6261, 62.1036, 85.7228
YIQ	208.8340, -1.9280, 12.9200

Conversions

Conversions Part 2

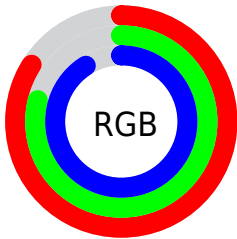
Format	Color
R _Y B	215, 201, 233
Decimal	14141929
CIE Lab	82.97, 10.80, -14.04
CIE LCh	83, 17.714, 307.573
Yxy	62.1036, 0.3009, 0.2937
Android (android.graphics.Color)	4292332009 (0xFFD7C9E9)
YUV	208.8340, 11.9138, 5.4076
Hunter-Lab	78.8058, 6.2067, -9.3300

Details

The Yxy color $62.1036, 0.3009, 0.2937$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $77.5476, 0.3234, 0.3640$, and the grayscale version is $63.5727, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.5153, 0.2979, 0.2857$ is the 20% darker color. If you saturate the color by 10%, you get $50.1531, 0.2906, 0.2654$, and if you desaturate by 10%, it is $75.8652, 0.3098, 0.3198$.

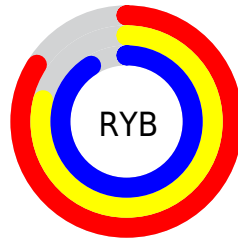
Distribution



Red (84%)

Green (79%)

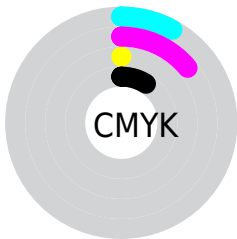
Blue (91%)



Red (84%)

Yellow (79%)

Blue (91%)

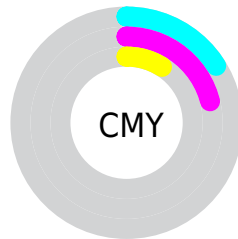


Cyan (8%)

Magenta (14%)

Yellow (0%)

Black (9%)



Cyan (16%)

Magenta (21%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1036, 0.3009, 0.2937 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 62.1036, 0.3009, 0.2937 by changing the saturation by 10% instead.

■ 62.1036, 0.3009,
0.2937

■ 62.1036, 0.3009,
0.2937

432.3089, 0.3066,
0.3101

■ 45.1164, 0.2995,
0.2899

107.8752, 0.3029,
0.2994

■ 31.5491, 0.2978,
0.2853

137.4285, 0.3037,
0.3016

■ 21.0174, 0.2955,
0.2794

171.9392, 0.3044,
0.3035

■ 13.1367, 0.2925,
0.2716

211.7918, 0.3050,
0.3052

■ 7.5227, 0.2881,
0.2610

257.3707, 0.3055,
0.3067

■ 3.7911, 0.2816,
0.2457

309.0602, 0.3059,

■ 1.5574, 0.2704,

0.3079

0.2218

367.2448, 0.3063,
0.3091

0.3286, 0.2510,
0.1432

0.0000, 0.0000,
0.0000

62.1036, 0.3009,
0.2937

62.1036, 0.3009,
0.2937

50.1531, 0.2906,
0.2654

75.8652, 0.3098,
0.3198

39.9283, 0.2789,
0.2355

91.5030, 0.3173,
0.3436

31.3483, 0.2659,
0.2048

98.5247, 0.3251,
0.3503

24.3225, 0.2519,
0.1745

98.6631, 0.3256,
0.3503

■ 18.7515, 0.2372,
0.1462

■ 14.5235, 0.2226,
0.1214

■ 11.5100, 0.2088,
0.1017

■ 9.5551, 0.1964,
0.0879

■ 8.7209, 0.1895,
0.0818

Harmonies

Analogous

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



62.1036, 0.2819, 0.2918



62.1036, 0.3009, 0.2937



62.1036, 0.3237, 0.3042

Triad

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



62.1036, 0.3009, 0.2937



62.1036, 0.3557, 0.3570



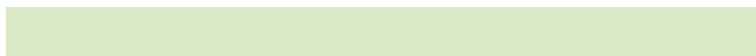
62.1036, 0.2819, 0.3365

Complementary

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



62.1036, 0.3009, 0.2937



77.5476, 0.3234, 0.3640

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.



62.1036, 0.3008, 0.3559



62.1036, 0.3009, 0.2937



62.1036, 0.3436, 0.3675

Square

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



62.1036, 0.3009, 0.2937



62.1036, 0.3560, 0.3399



62.1036, 0.3234, 0.3674



62.1036, 0.2713, 0.3156

Rectangle

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



62.1036, 0.3009, 0.2937



62.1036, 0.3380, 0.3148



62.1036, 0.3234, 0.3674



62.1036, 0.2875, 0.3435

Sweetspot

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



62.1062, 0.3009, 0.2937



92.5942, 0.3095, 0.3191



69.0309, 0.2913, 0.3135



19.5298, 0.3089, 0.3172



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



62.1062, 0.3009, 0.2937



72.5870, 0.2986, 0.2873



64.6203, 0.3127, 0.2950



14.8722, 0.3048, 0.3051



5.0190, 0.1911, 0.0827



0.4502, 0.2066, 0.0912

Inverse Universe

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



64.2064, 0.3245, 0.3097



75.5747, 0.3268, 0.3063



75.2085, 0.3125, 0.3652



15.1957, 0.3205, 0.3159



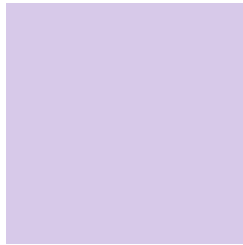
10.7816, 0.4698, 0.2362



0.8659, 0.4435, 0.2217

Previews

White Background



This preview shows how the Yxy color 62.1036, 0.3009, 0.2937 looks on a white background.

Color Contrast Check

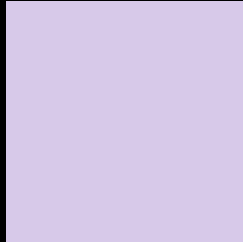
Large Text (above 18pt) WCAG AA × Fail

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 62.1036, 0.3009, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

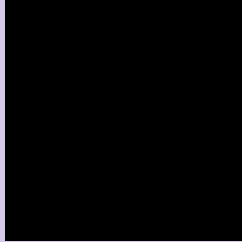
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

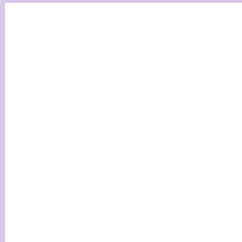
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1036, 0.3009, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 62.1036, 0.3009, 0.2937.



This preview shows how white text looks on a background with the Yxy color 62.1036, 0.3009, 0.2937.

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

62.1036, 0.3009, 0.2937

Protanopia

62.2753, 0.2896, 0.2941

Deuteranopia

61.9526, 0.3001, 0.2936



Tritanopia

61.9725, 0.3090, 0.3110

Trichromacy



Original Color

62.1036, 0.3009, 0.2937

Protanomaly

62.4493, 0.2938, 0.2944

Deuteranomaly

61.9526, 0.3001, 0.2936

Tritanomaly

61.9190, 0.3063, 0.3044

Monochromacy



Original Color

62.1036, 0.3009, 0.2937

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.0535, 0.3081, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1036, 0.3009, 0.2937 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(215, 201, 233)` looks like.

```
.text, #text, p{  
    color:rgb(215, 201, 233)  
}
```

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(215, 201, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 201, 233) }
```

Border

The CSS property to change the border of an element to Yxy 62.1036, 0.3009, 0.2937 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(215, 201, 233) }
```

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

```
.border{ border-color:rgb(215, 201, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 201, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 201, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 201, 233); box-shadow:4px 4px 4px 4px rgb(215, 201, 233) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1036, 0.3009, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 201, 233) }
```

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

```
.background{ background-color: rgb(215,  
201, 233) }
```

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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