

Converting Colors

Yxy(37.1327, 0.2955, 0.2456)

Have a look what the booklet for
Yxy(37.1327, 0.2955, 0.2456)
contains.

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Color

Yxy(37.1112, 0.2962, 0.2459)

Conversions

Conversions Part 1

Format	Color
Hex	C193D7
RGB	193, 147, 215
RGB Percent	76%, 58%, 84%
CMY	0.2429, 0.4236, 0.1568
CMYK	0.10, 0.32, 0.00, 0.16
HSL	281°, 46%, 71%
HSV	281°, 32%, 84%
XYZ	44.7025, 37.1112, 69.1062
YIQ	168.5060, 5.5880, 30.9000

Conversions

Conversions Part 2

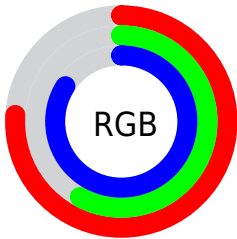
Format	Color
RYB	193, 147, 215
Decimal	12686295
CIELab	67.36, 29.53, -28.15
CIElCh	67, 40.795, 316.364
Yxy	37.1112, 0.2962, 0.2459
Android (android.graphics.Color)	4290876375 (0xFFC193D7)
YUV	168.5060, 22.9215, 21.4812
Hunter-Lab	60.9190, 24.3755, -24.6151

Details

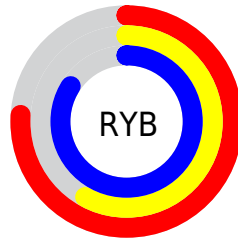
The Yxy color **37.1112, 0.2962, 0.2459** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.1431, 0.3242, 0.4175**, and the grayscale version is **39.3049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3173, 0.3115, 0.2756**, and **16.3928, 0.2906, 0.2249** is the 20% darker color. If you saturate the color by 10%, you get **30.1489, 0.2892, 0.2183**, and if you desaturate by 10%, it is **45.3691, 0.3023, 0.2734**.

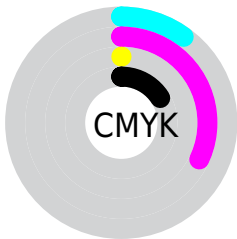
Distribution



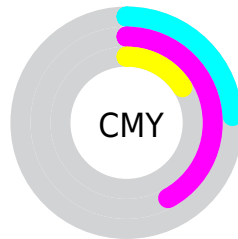
- Red (76%)
- Green (58%)
- Blue (84%)



- Red (76%)
- Yellow (58%)
- Blue (84%)



- Cyan (10%)
- Magenta (32%)
- Yellow (0%)
- Black (16%)





- Cyan (24%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1112, 0.2962, 0.2459 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 37.1112, 0.2962, 0.2459 by changing the saturation by 10% instead.


 37.1112, 0.2962,
0.2459


 37.1112, 0.2962,
0.2459


333.7917, 0.3056,
0.2862

 25.2936, 0.2936,
0.2363


 70.7438, 0.2998,
0.2602

 16.2959, 0.2900,
0.2242


 93.3275, 0.3011,
0.2657

 9.7338, 0.2850,
0.2087


120.2688, 0.3022,
0.2704

 5.2228, 0.2776,
0.1881

151.9520, 0.3031,
0.2744

 2.3786, 0.2658,
0.1597

188.7615, 0.3039,
0.2779

 0.8148, 0.2449,
0.1189

231.0817, 0.3045,

 0.0000, 0.1953,

0.2810

0.0000

279.2969, 0.3051,
0.2838

0.0000, 0.0000,
0.0000

37.1112, 0.2962,
0.2459

37.1112, 0.2962,
0.2459

30.1489, 0.2892,
0.2183

45.3691, 0.3023,
0.2734

24.4070, 0.2814,
0.1916

54.9829, 0.3076,
0.2999

19.8101, 0.2730,
0.1670

66.0145, 0.3121,
0.3250

16.2719, 0.2643,
0.1457


78.5208, 0.3157,
0.3484


13.6934, 0.2555,
0.1287

92.5555, 0.3188,
0.3698

 11.9566, 0.2469,
0.1166

 94.0381, 0.3231,
0.3697

 10.9815, 0.2401,
0.1096

 95.2408, 0.3276,
0.3692

 96.4901, 0.3321,
0.3686

 97.6870, 0.3363,
0.3681

Harmonies

Analogous

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



37.1112, 0.2437, 0.2332



37.1112, 0.2962, 0.2459



37.1112, 0.3591, 0.2760

Triad

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



37.1112, 0.2962, 0.2459



37.1112, 0.4213, 0.4094



37.1112, 0.2209, 0.3285

Complementary

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



37.1112, 0.2962, 0.2459



59.1431, 0.3242, 0.4175

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.



37.1112, 0.2621, 0.3916



37.1112, 0.2962, 0.2459



37.1112, 0.3779, 0.4383

Square

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



37.1112, 0.2962, 0.2459



37.1112, 0.4353, 0.3652



37.1112, 0.3194, 0.4346



37.1112, 0.2038, 0.2739

Rectangle

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



37.1112, 0.2962, 0.2459



37.1112, 0.3970, 0.3031



37.1112, 0.3194, 0.4346



37.1112, 0.2322, 0.3498

Sweetspot

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



37.1128, 0.2962, 0.2459



84.8431, 0.3088, 0.3065



39.7301, 0.2604, 0.2680



17.6708, 0.3081, 0.3027



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.



37.1128, 0.2962, 0.2459



47.5100, 0.2916, 0.2273



39.6549, 0.3267, 0.2627



12.4224, 0.3087, 0.3057



6.6266, 0.2413, 0.1103



0.4434, 0.2553, 0.1180

Inverse Universe

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



38.1733, 0.3613, 0.3023



49.4386, 0.3761, 0.2965



57.2892, 0.3014, 0.4059



12.4862, 0.3241, 0.3215



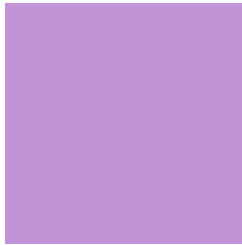
8.9184, 0.5666, 0.2895



0.5529, 0.5173, 0.2623

Previews

White Background



This preview shows how the Yxy color 37.1112, 0.2962, 0.2459 looks on a white background.

Color Contrast Check

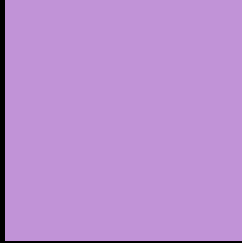
Large Text (above 18pt) WCAG AA × Fail

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 37.1112, 0.2962, 0.2459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

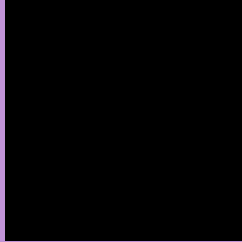
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1112, 0.2962, 0.2459

Background



This preview shows how black text looks on a background with the Yxy color 37.1112, 0.2962, 0.2459.



This preview shows how white text looks on a background with the Yxy color 37.1112, 0.2962, 0.2459.

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

37.1112, 0.2962, 0.2459

Protanopia

37.3514, 0.2508, 0.2444

Deuteranopia

37.2118, 0.2671, 0.2606



Tritanopia

37.0432, 0.3312, 0.3129

Trichromacy



Original Color

37.1112, 0.2962, 0.2459

Protanomaly

37.0693, 0.2652, 0.2449

Deuteranomaly

37.0160, 0.2772, 0.2548

Tritanomaly

37.1041, 0.3185, 0.2873

Monochromacy



Original Color

37.1112, 0.2962, 0.2459

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.4999, 0.3069, 0.2956

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1112, 0.2962, 0.2459 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(193, 147, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 147, 215)  
}
```

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(193, 147, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 147, 215) }
```

Border

The CSS property to change the border of an element to Yxy 37.1112, 0.2962, 0.2459 is called "border". The border property can be set on classes, ids or directly on the HTML element.

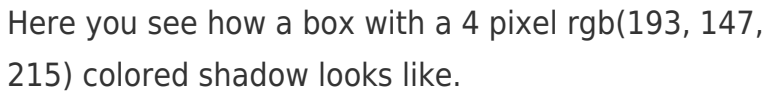
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 147, 215) }
```

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

```
.border{ border-color:rgb(193, 147, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 147, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 147, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 147, 215); box-shadow:4px 4px 4px 4px rgb(193, 147, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1112, 0.2962, 0.2459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 147, 215) }
```

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

```
.background{ background-color: rgb(193,  
147, 215) }
```

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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