

Converting Colors

$Y_{xy}(37.7289, 0.3355, 0.2864)$

Have a look what the booklet for
Yxy(37.7289, 0.3355, 0.2864)
contains.

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Color

Yxy(37.7512, 0.3356, 0.2866)

Conversions

Conversions Part 1

Format	Color
Hex	CC95B7
RGB	204, 149, 183
RGB Percent	80%, 58%, 72%
CMY	0.1998, 0.4157, 0.2823
CMYK	0.00, 0.27, 0.10, 0.20
HSL	323°, 35%, 69%
HSV	323°, 27%, 80%
XYZ	44.2055, 37.7512, 49.7641
YIQ	169.3210, 21.8660, 22.2340

Conversions

Conversions Part 2

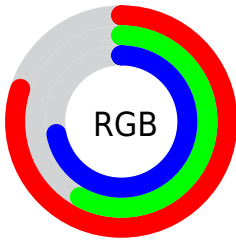
Format	Color
RYB	204, 149, 183
Decimal	13407671
CIELab	67.84, 26.03, -9.51
CIELCh	68, 27.709, 339.925
Yxy	37.7512, 0.3356, 0.2866
Android (android.graphics.Color)	4291597751 (0xFFCC95B7)
YUV	169.3210, 6.7437, 30.4135
Hunter-Lab	61.4420, 20.9014, -5.0118

Details

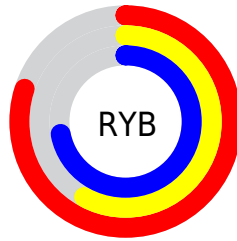
The Yxy color **37.7512, 0.3356, 0.2866** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.4953, 0.2952, 0.3757**, and the grayscale version is **39.8032, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6777, 0.3264, 0.2942**, and **16.7366, 0.3421, 0.2754** is the 20% darker color. If you saturate the color by 10%, you get **31.5375, 0.3470, 0.2704**, and if you desaturate by 10%, it is **45.1173, 0.3259, 0.3028**.

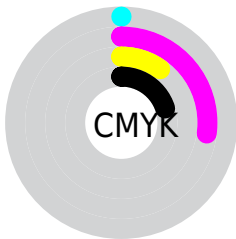
Distribution



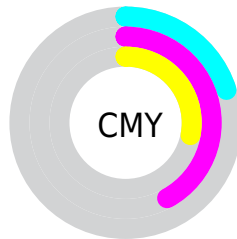
- Red (80%)
- Green (58%)
- Blue (72%)



- Red (80%)
- Yellow (58%)
- Blue (72%)



- Cyan (0%)
- Magenta (27%)
- Yellow (10%)
- Black (20%)





- Cyan (20%)
- Magenta (42%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7512, 0.3356, 0.2866 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 37.7512, 0.3356, 0.2866 by changing the saturation by 10% instead.

 37.7512, 0.3356,
0.2866


 37.7512, 0.3356,
0.2866


336.5515, 0.3241,
0.3078

 25.7896, 0.3385,
0.2813


 71.7266, 0.3314,
0.2943

 16.6663, 0.3422,
0.2745


 94.5093, 0.3298,
0.2972

 9.9969, 0.3471,
0.2655


121.6678, 0.3285,
0.2996

 5.3969, 0.3541,
0.2529

153.5865, 0.3274,
0.3017

 2.4820, 0.3644,
0.2343

190.6498, 0.3264,
0.3036

 0.8676, 0.3815,
0.2039

233.2422, 0.3255,

 0.0000, 0.5022,

0.3052

0.0000

281.7479, 0.3248,
0.3066

0.0000, 0.0000,
0.0000

37.7512, 0.3356,
0.2866

37.7512, 0.3356,
0.2866

31.5375, 0.3470,
0.2704

45.1173, 0.3259,
0.3028

26.4116, 0.3601,
0.2549

53.6855, 0.3177,
0.3185

22.3108, 0.3748,
0.2410

63.5091, 0.3108,
0.3334

19.1634, 0.3909,
0.2298

74.6365, 0.3050,
0.3474

16.8885, 0.4080,
0.2225

87.1134, 0.3002,
0.3603

■ 15.3919, 0.4255,
0.2201

■ 90.0630, 0.2960,
0.3558

■ 14.5475, 0.4425,
0.2227

■ 90.5101, 0.2918,
0.3474

■ 14.3523, 0.4477,
0.2240

■ 90.9770, 0.2877,
0.3390

■ 91.4640, 0.2837,
0.3308

Harmonies

Analogous

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



37.7512, 0.2935, 0.2673



37.7512, 0.3356, 0.2866



37.7512, 0.3734, 0.3158

Triad

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



37.7512, 0.3356, 0.2866



37.7512, 0.3661, 0.4009



37.7512, 0.2376, 0.2999

Complementary

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



37.7512, 0.3356, 0.2866



52.4953, 0.2952, 0.3757

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.



37.7512, 0.2544, 0.3388



37.7512, 0.3356, 0.2866



37.7512, 0.3277, 0.4012

Square

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



37.7512, 0.3356, 0.2866



37.7512, 0.3910, 0.3806



37.7512, 0.2869, 0.3777



37.7512, 0.2393, 0.2727

Rectangle

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



37.7512, 0.3356, 0.2866



37.7512, 0.3897, 0.3380



37.7512, 0.2869, 0.3777



37.7512, 0.2413, 0.3120

Sweetspot

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



37.7529, 0.3356, 0.2866



87.1762, 0.3185, 0.3168



34.3061, 0.2837, 0.2558



18.1759, 0.3197, 0.3144



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.



37.7529, 0.3356, 0.2866



56.6738, 0.3416, 0.2778



36.7448, 0.3627, 0.3197



11.3283, 0.3195, 0.3148



9.0483, 0.4454, 0.2227



0.4813, 0.4148, 0.2059

Inverse Universe

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



37.7529, 0.3356, 0.2866



56.6738, 0.3416, 0.2778



53.6101, 0.2782, 0.3386



11.3283, 0.3195, 0.3148



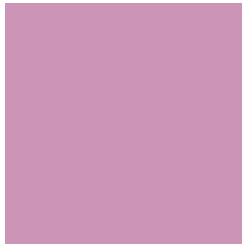
9.0483, 0.4454, 0.2227



0.4813, 0.4148, 0.2059

Previews

White Background



This preview shows how the Yxy color 37.7512, 0.3356, 0.2866 looks on a white background.

Color Contrast Check

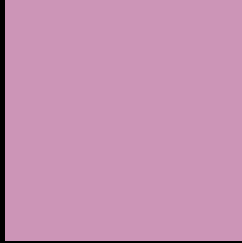
Large Text (above 18pt) WCAG AA × Fail

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 37.7512, 0.3356, 0.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

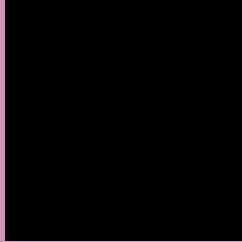
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7512, 0.3356, 0.2866

Background



This preview shows how black text looks on a background with the Yxy color 37.7512, 0.3356, 0.2866.



This preview shows how white text looks on a background with the Yxy color 37.7512, 0.3356, 0.2866.

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

37.7512, 0.3356, 0.2866

Protanopia

37.8748, 0.2853, 0.2890

Deuteranopia

37.9399, 0.3084, 0.3018



Tritanopia

37.6934, 0.3519, 0.3137

Trichromacy



Original Color

37.7512, 0.3356, 0.2866

Protanomaly

37.7005, 0.3025, 0.2888

Deuteranomaly

37.9304, 0.3181, 0.2961

Tritanomaly

37.7700, 0.3461, 0.3037

Monochromacy



Original Color

37.7512, 0.3356, 0.2866

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.8417, 0.3210, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7512, 0.3356, 0.2866 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(204, 149, 183)` looks like.

```
.text, #text, p{  
    color:rgb(204, 149, 183)  
}
```

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(204, 149, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 149, 183) }
```

Border

The CSS property to change the border of an element to Yxy 37.7512, 0.3356, 0.2866 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(204, 149, 183) }
```

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

```
.border{ border-color:rgb(204, 149, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 149, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 149, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 149, 183);  
box-shadow:4px 4px 4px 4px rgb(204, 149,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7512, 0.3356, 0.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 149, 183) }
```

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

```
.background{ background-color: rgb(204,  
149, 183) }
```

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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