

Converting Colors

$Yxy(37.2787, 0.3288, 0.2828)$

Have a look what the booklet for
Yxy(37.2787, 0.3288, 0.2828)
contains.

Yxy(37.3194, 0.3287, 0.2825)	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(37.3194, 0.3287, 0.2825)

Conversions

Conversions Part 1

Format	Color
Hex	C895BA
RGB	200, 149, 186
RGB Percent	78%, 58%, 73%
CMY	0.2158, 0.4156, 0.2706
CMYK	0.00, 0.25, 0.07, 0.22
HSL	316°, 32%, 68%
HSV	316°, 25%, 78%
XYZ	43.4226, 37.3194, 51.3621
YIQ	168.4670, 18.5190, 22.3190

Conversions

Conversions Part 2

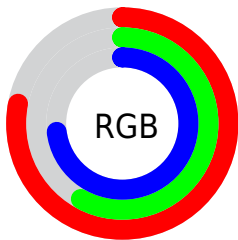
Format	Color
R _Y B	200, 149, 186
Decimal	13145530
CIE Lab	67.52, 25.11, -11.70
CIE LCh	68, 27.698, 335.023
Yxy	37.3194, 0.3287, 0.2825
Android (android.graphics.Color)	4291335610 (0xFFC895BA)
YUV	168.4670, 8.6438, 27.6544
Hunter-Lab	61.0896, 19.9713, -7.0863

Details

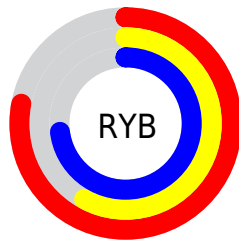
The Yxy color **37.3194, 0.3287, 0.2825** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.3306, 0.2998, 0.3805**, and the grayscale version is **39.3493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8565, 0.3242, 0.2913**, and **16.4486, 0.3323, 0.2695** is the 20% darker color. If you saturate the color by 10%, you get **31.2975, 0.3368, 0.2638**, and if you desaturate by 10%, it is **44.4400, 0.3217, 0.3012**.

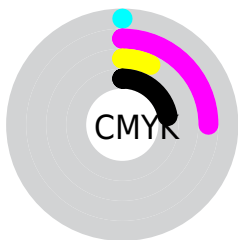
Distribution



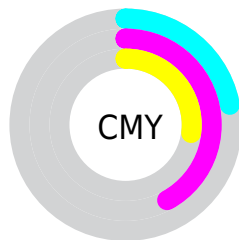
- Red (78%)
- Green (58%)
- Blue (73%)



- Red (78%)
- Yellow (58%)
- Blue (73%)



- Cyan (0%)
- Magenta (25%)
- Yellow (7%)
- Black (22%)





- Cyan (22%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3194, 0.3287, 0.2825 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 37.3194, 0.3287, 0.2825 by changing the saturation by 10% instead.


 37.3194, 0.3287,
0.2825


 37.3194, 0.3287,
0.2825


334.6913, 0.3208,
0.3057

 25.4549, 0.3306,
0.2767


 71.0638, 0.3259,
0.2909

 16.4163, 0.3331,
0.2693


 93.7124, 0.3248,
0.2941

 9.8192, 0.3363,
0.2595


120.7245, 0.3239,
0.2968

 5.2792, 0.3407,
0.2459

152.4845, 0.3231,
0.2991

 2.4120, 0.3470,
0.2257

189.3768, 0.3224,
0.3011

 0.8321, 0.3568,
0.1930

231.7858, 0.3218,


 0.0000, 0.4042,


0.3028


0.0000


280.0958, 0.3213,
0.3043


 0.0000, 0.0000,
0.0000


 37.3194, 0.3287,
0.2825


 37.3194, 0.3287,
0.2825


 31.2975, 0.3368,
0.2638


 44.4400, 0.3217,
0.3012


 26.3137, 0.3459,
0.2459


 52.7059, 0.3156,
0.3194

 22.3091, 0.3560,
0.2296

 62.1672, 0.3105,
0.3367

 19.2171, 0.3668,
0.2159

 72.8693, 0.3062,
0.3530

 16.9624, 0.3781,
0.2060

 84.8554, 0.3026,
0.3681

■ 15.4578, 0.3895,
0.2007

■ 88.9052, 0.2995,
0.3680

■ 14.5962, 0.4006,
0.2001

■ 89.1989, 0.2965,
0.3619

■ 14.3225, 0.4056,
0.2008

■ 89.5022, 0.2936,
0.3559

■ 89.8152, 0.2907,
0.3499

Harmonies

Analogous

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



37.3194, 0.2870, 0.2652



37.3194, 0.3287, 0.2825



37.3194, 0.3683, 0.3105

Triad

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



37.3194, 0.3287, 0.2825



37.3194, 0.3716, 0.3990



37.3194, 0.2389, 0.3056

Complementary

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



37.3194, 0.3287, 0.2825



50.3306, 0.2998, 0.3805

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.



37.3194, 0.2586, 0.3457



37.3194, 0.3287, 0.2825



37.3194, 0.3345, 0.4030

Square

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



37.3194, 0.3287, 0.2825



37.3194, 0.3934, 0.3761



37.3194, 0.2932, 0.3832



37.3194, 0.2375, 0.2759

Rectangle

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



37.3194, 0.3287, 0.2825



37.3194, 0.3868, 0.3325



37.3194, 0.2932, 0.3832



37.3194, 0.2435, 0.3183

Sweetspot

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



37.3211, 0.3287, 0.2825



87.3125, 0.3171, 0.3147



33.4149, 0.2811, 0.2595



18.2103, 0.3180, 0.3119



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.



37.3211, 0.3287, 0.2825



58.1918, 0.3334, 0.2713



36.3464, 0.3537, 0.3137



10.7650, 0.3179, 0.3124



9.1255, 0.4042, 0.2000



0.4438, 0.3831, 0.1884

Inverse Universe

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



37.3211, 0.3287, 0.2825



58.1918, 0.3334, 0.2713



51.3206, 0.2832, 0.3450



10.7650, 0.3179, 0.3124



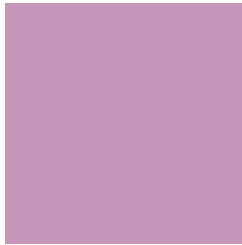
9.1255, 0.4042, 0.2000



0.4438, 0.3831, 0.1884

Previews

White Background



This preview shows how the Yxy color 37.3194, 0.3287, 0.2825 looks on a white background.

Color Contrast Check

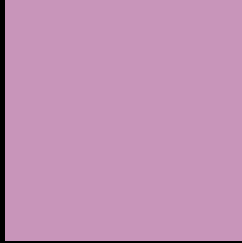
Large Text (above 18pt) WCAG AA × Fail

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 37.3194, 0.3287, 0.2825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

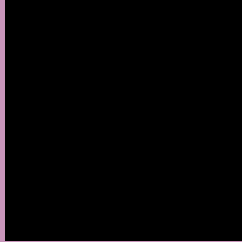
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3194, 0.3287, 0.2825

Background



This preview shows how black text looks on a background with the Yxy color 37.3194, 0.3287, 0.2825.



This preview shows how white text looks on a background with the Yxy color 37.3194, 0.3287, 0.2825.

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

37.3194, 0.3287, 0.2825

Protanopia

37.4036, 0.2821, 0.2848

Deuteranopia

37.3730, 0.3031, 0.2962



Tritanopia

37.3694, 0.3457, 0.3135

Trichromacy



Original Color

37.3194, 0.3287, 0.2825

Protanomaly

37.1437, 0.2973, 0.2833

Deuteranomaly

37.2248, 0.3117, 0.2905

Tritanomaly

37.4794, 0.3389, 0.3020

Monochromacy



Original Color

37.3194, 0.3287, 0.2825

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.2882, 0.3183, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3194, 0.3287, 0.2825 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(200, 149, 186)` looks like.

```
.text, #text, p{  
    color:rgb(200, 149, 186)  
}
```

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(200, 149, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 149, 186) }
```

Border

The CSS property to change the border of an element to Yxy 37.3194, 0.3287, 0.2825 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(200, 149, 186) }
```

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

```
.border{ border-color:rgb(200, 149, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 149, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 149, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 149, 186);  
box-shadow:4px 4px 4px 4px rgb(200, 149,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3194, 0.3287, 0.2825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 149, 186) }
```

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

```
.background{ background-color: rgb(200,  
149, 186) }
```

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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