

Converting Colors

$Yxy(37.8338, 0.3221, 0.2712)$

Have a look what the booklet for
Yxy(37.8338, 0.3221, 0.2712)
contains.

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Color

Yxy(37.6765, 0.3222, 0.2710)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CA94C3 |
| RGB | 202, 148, 195 |
| RGB Percent | 79%, 58%, 76% |
| CMY | 0.2079, 0.4196, 0.2352 |
| CMYK | 0.00, 0.27, 0.03, 0.21 |
| HSL | 308°, 34%, 69% |
| HSV | 308°, 27%, 79% |
| XYZ | 44.7947, 37.6765, 56.5565 |
| YIQ | 169.5040, 17.0970, 26.0650 |

Conversions

Conversions Part 2

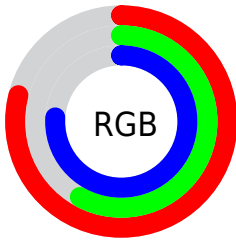
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 202, 148, 195 |
| Decimal | 13276355 |
| CIE Lab | 67.78, 27.98, -16.32 |
| CIE LCh | 68, 32.389, 329.746 |
| Yxy | 37.6765, 0.3222, 0.2710 |
| Android (android.graphics.Color) | 4291466435 (0xFFCA94C3) |
| YUV | 169.5040, 12.5695, 28.4990 |
| Hunter-Lab | 61.3812, 22.8485, -11.6628 |

Details

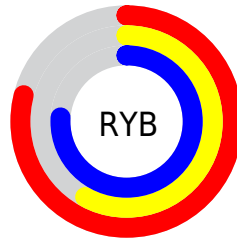
The Yxy color **37.6765, 0.3222, 0.2710** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.8923, 0.3045, 0.3949**, and the grayscale version is **39.8698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0001, 0.3172, 0.2809**, and **16.6755, 0.3244, 0.2562** is the 20% darker color. If you saturate the color by 10%, you get **31.7679, 0.3265, 0.2493**, and if you desaturate by 10%, it is **44.6960, 0.3183, 0.2931**.

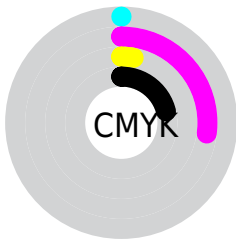
Distribution



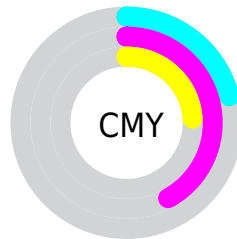
- Red (79%)
- Green (58%)
- Blue (76%)



- Red (79%)
- Yellow (58%)
- Blue (76%)



- Cyan (0%)
- Magenta (27%)
- Yellow (3%)
- Black (21%)




- Cyan (21%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6765, 0.3222, 0.2710 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 37.6765, 0.3222, 0.2710 by changing the saturation by 10% instead.


 37.6765, 0.3222,
0.2710


 37.6765, 0.3222,
0.2710


336.2302, 0.3179,
0.2996

 25.7317, 0.3231,
0.2640


 71.6120, 0.3207,
0.2813

 16.6230, 0.3243,
0.2551


 94.3716, 0.3202,
0.2852

 9.9661, 0.3256,
0.2434


121.5048, 0.3197,
0.2885

 5.3765, 0.3272,
0.2274

153.3961, 0.3192,
0.2913

 2.4698, 0.3290,
0.2043

190.4299, 0.3188,
0.2938

 0.8615, 0.3303,
0.1684

232.9906, 0.3185,

 0.0000, 0.3398,

0.2960

0.0000

281.4626, 0.3182,
0.2979

 0.0000, 0.0000,
0.0000


 37.6765, 0.3222,
0.2710


 37.6765, 0.3222,
0.2710


 31.7679, 0.3265,
0.2493


 44.6960, 0.3183,
0.2931


 26.9077, 0.3312,
0.2288


 52.8748, 0.3148,
0.3148

 23.0351, 0.3360,
0.2104

 62.2642, 0.3118,
0.3358

 20.0808, 0.3410,
0.1952

 72.9113, 0.3091,
0.3556

 17.9665, 0.3460,
0.1838

 84.8604, 0.3068,
0.3740

■ 16.6009, 0.3507,
0.1769

■ 88.7580, 0.3052,
0.3772

■ 15.8643, 0.3551,
0.1742

■ 88.8893, 0.3038,
0.3743

■ 15.6865, 0.3566,
0.1738

■ 89.0226, 0.3024,
0.3714

■ 89.1581, 0.3009,
0.3685

Harmonies

Analogous

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



37.6765, 0.2749, 0.2538



37.6765, 0.3222, 0.2710



37.6765, 0.3702, 0.3010

Triad

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



37.6765, 0.3222, 0.2710



37.6765, 0.3868, 0.4065



37.6765, 0.2301, 0.3087

Complementary

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



37.6765, 0.3222, 0.2710



50.8923, 0.3045, 0.3949

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.



37.6765, 0.2558, 0.3568



37.6765, 0.3222, 0.2710



37.6765, 0.3458, 0.4170

Square

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



37.6765, 0.3222, 0.2710



37.6765, 0.4086, 0.3765



37.6765, 0.2978, 0.3990



37.6765, 0.2249, 0.2718

Rectangle

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



37.6765, 0.3222, 0.2710



37.6765, 0.3946, 0.3256



37.6765, 0.2978, 0.3990



37.6765, 0.2365, 0.3241

Sweetspot

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



37.6782, 0.3222, 0.2710



87.4998, 0.3153, 0.3118



32.3470, 0.2722, 0.2542



18.2577, 0.3158, 0.3085



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.



37.6782, 0.3222, 0.2710



57.8623, 0.3246, 0.2585



36.5901, 0.3480, 0.3027



11.3779, 0.3157, 0.3090



10.1060, 0.3560, 0.1735



0.5285, 0.3482, 0.1692

Inverse Universe

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



37.6782, 0.3222, 0.2710



57.8623, 0.3246, 0.2585



51.8751, 0.2871, 0.3571



11.3779, 0.3157, 0.3090



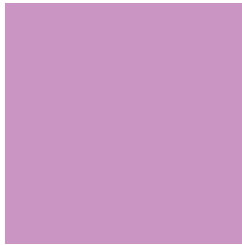
10.1060, 0.3560, 0.1735



0.5285, 0.3482, 0.1692

Previews

White Background



This preview shows how the Yxy color 37.6765, 0.3222, 0.2710 looks on a white background.

Color Contrast Check

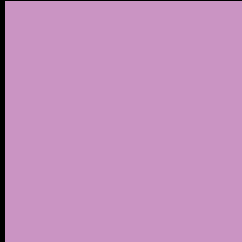
Large Text (above 18pt) WCAG AA × Fail

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 37.6765, 0.3222, 0.2710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

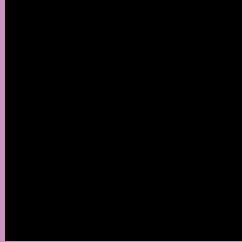
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6765, 0.3222, 0.2710

Background



This preview shows how black text looks on a background with the Yxy color 37.6765, 0.3222, 0.2710.



This preview shows how white text looks on a background with the Yxy color 37.6765, 0.3222, 0.2710.

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

37.6765, 0.3222, 0.2710

Protanopia

37.9757, 0.2717, 0.2720

Deuteranopia

37.6648, 0.2921, 0.2856



Tritanopia

37.5048, 0.3467, 0.3135

Trichromacy



Original Color

37.6765, 0.3222, 0.2710

Protanomaly

37.4886, 0.2883, 0.2709

Deuteranomaly

37.3753, 0.3020, 0.2790

Tritanomaly

37.4099, 0.3372, 0.2971

Monochromacy



Original Color

37.6765, 0.3222, 0.2710

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.0404, 0.3166, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6765, 0.3222, 0.2710 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(202, 148, 195)` looks like.

```
.text, #text, p{  
    color:rgb(202, 148, 195)  
}
```

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(202, 148, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 148, 195) }
```

Border

The CSS property to change the border of an element to Yxy 37.6765, 0.3222, 0.2710 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(202, 148, 195) }
```

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

```
.border{ border-color:rgb(202, 148, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 148, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 148, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 148, 195);  
box-shadow:4px 4px 4px 4px rgb(202, 148,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6765, 0.3222, 0.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 148, 195) }
```

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

```
.background{ background-color: rgb(202,  
148, 195) }
```

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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