

Converting Colors

$Y_{xy}(40.0336, 0.3226, 0.2822)$

Have a look what the booklet for
Yxy(40.0336, 0.3226, 0.2822)
contains.

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Color

Yxy(40.2285, 0.3225, 0.2821)

Conversions

Conversions Part 1

Format	Color
Hex	CA9CC2
RGB	202, 156, 194
RGB Percent	79%, 61%, 76%
CMY	0.2077, 0.3883, 0.2392
CMYK	0.00, 0.23, 0.04, 0.21
HSL	310°, 30%, 70%
HSV	310°, 23%, 79%
XYZ	45.9897, 40.2285, 56.3855
YIQ	174.0860, 15.2180, 21.5700

Conversions

Conversions Part 2

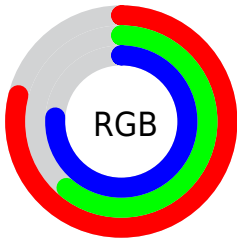
Format	Color
R _{YB}	202, 156, 194
Decimal	13278402
CIE _{Lab}	69.63, 23.43, -12.97
CIE _{LCh}	70, 26.779, 331.041
Y _{xy}	40.2285, 0.3225, 0.2821
Android (android.graphics.Color)	4291468482 (0xFFCA9CC2)
YUV	174.0860, 9.8176, 24.4806
Hunter-Lab	63.4259, 18.4337, -8.3105

Details

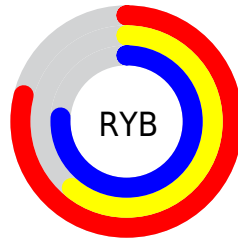
The Yxy color $40.2285, 0.3225, 0.2821$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $52.0026, 0.3043, 0.3809$, and the grayscale version is $42.3187, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.8136, 0.3174, 0.2898$, and $17.9971, 0.3248, 0.2692$ is the 20% darker color. If you saturate the color by 10%, you get $33.8487, 0.3278, 0.2611$, and if you desaturate by 10%, it is $47.7432, 0.3178, 0.3031$.

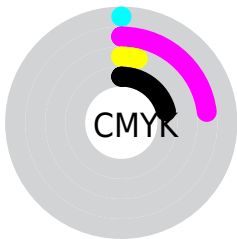
Distribution



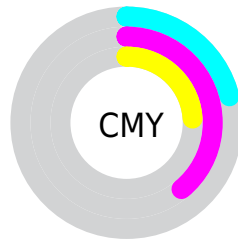
- Red (79%)
- Green (61%)
- Blue (76%)



- Red (79%)
- Yellow (61%)
- Blue (76%)



- Cyan (0%)
- Magenta (23%)
- Yellow (4%)
- Black (21%)




- Cyan (21%)
- Magenta (39%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2285, 0.3225, 0.2821 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 40.2285, 0.3225, 0.2821 by changing the saturation by 10% instead.


 40.2285, 0.3225,
0.2821


 40.2285, 0.3225,
0.2821


347.0857, 0.3179,
0.3052

 27.7167, 0.3236,
0.2764


 75.5113, 0.3209,
0.2904

 18.1122, 0.3249,
0.2692


 99.0512, 0.3203,
0.2936

 11.0306, 0.3265,
0.2597


127.0359, 0.3197,
0.2962

 6.0874, 0.3287,
0.2467

159.8499, 0.3193,
0.2985

 2.8983, 0.3315,
0.2278

197.8774, 0.3189,
0.3005

 1.0789, 0.3353,
0.1981

241.5030, 0.3185,


 0.0000, 0.3822,

0.3023


0.0000

291.1109, 0.3182,
0.3038


 0.0000, 0.0000,
0.0000

 40.2285, 0.3225,
0.2821


 40.2285, 0.3225,
0.2821


 33.8487, 0.3278,
0.2611


 47.7432, 0.3178,
0.3031


 28.5428, 0.3336,
0.2409

 56.4394, 0.3138,
0.3235


 24.2520, 0.3399,
0.2223

 66.3675, 0.3102,
0.3429

 20.9099, 0.3465,
0.2063

 77.5735, 0.3072,
0.3612

 18.4419, 0.3533,
0.1939

 88.8142, 0.3047,
0.3761

■ 16.7626, 0.3600,
0.1857

■ 88.9933, 0.3028,
0.3721

■ 15.7691, 0.3664,
0.1821

■ 89.1763, 0.3009,
0.3682

■ 15.3448, 0.3709,
0.1817

■ 89.3633, 0.2989,
0.3643

■ 89.5541, 0.2970,
0.3604

Harmonies

Analogous

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



40.2285, 0.2837, 0.2673



40.2285, 0.3225, 0.2821



40.2285, 0.3607, 0.3076

Triad

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



40.2285, 0.3225, 0.2821



40.2285, 0.3721, 0.3931



40.2285, 0.2444, 0.3117

Complementary

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



40.2285, 0.3225, 0.2821



52.0026, 0.3043, 0.3809

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.



40.2285, 0.2653, 0.3499



40.2285, 0.3225, 0.2821



40.2285, 0.3386, 0.3994

Square

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



40.2285, 0.3225, 0.2821



40.2285, 0.3901, 0.3700



40.2285, 0.2995, 0.3836



40.2285, 0.2407, 0.2819

Rectangle

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



40.2285, 0.3225, 0.2821



40.2285, 0.3797, 0.3282



40.2285, 0.2995, 0.3836



40.2285, 0.2496, 0.3241

Sweetspot

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



40.2303, 0.3225, 0.2821



88.9366, 0.3154, 0.3148



35.8966, 0.2809, 0.2668



18.8423, 0.3157, 0.3135



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.



40.2303, 0.3225, 0.2821



62.9126, 0.3248, 0.2725



39.2879, 0.3438, 0.3096



11.3689, 0.3164, 0.3101



9.8827, 0.3701, 0.1812



0.5189, 0.3589, 0.1751

Inverse Universe

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



40.2303, 0.3225, 0.2821



62.9126, 0.3248, 0.2725



52.8962, 0.2891, 0.3494



11.3689, 0.3164, 0.3101



9.8827, 0.3701, 0.1812



0.5189, 0.3589, 0.1751

Previews

White Background



This preview shows how the Yxy color 40.2285, 0.3225, 0.2821 looks on a white background.

Color Contrast Check

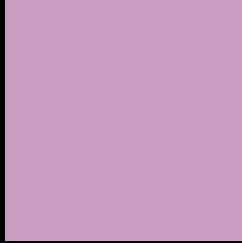
Large Text (above 18pt) WCAG AA × Fail

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 40.2285, 0.3225, 0.2821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

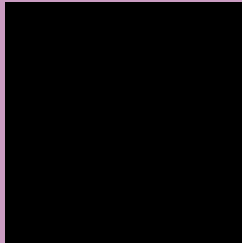
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2285, 0.3225, 0.2821

Background



This preview shows how black text looks on a background with the Yxy color 40.2285, 0.3225, 0.2821.



This preview shows how white text looks on a background with the Yxy color 40.2285, 0.3225, 0.2821.

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

40.2285, 0.3225, 0.2821

Protanopia

40.4743, 0.2807, 0.2835

Deuteranopia

40.4253, 0.3009, 0.2946



Tritanopia

40.2623, 0.3395, 0.3137

Trichromacy



Original Color

40.2285, 0.3225, 0.2821

Protanomaly

40.0682, 0.2944, 0.2820

Deuteranomaly

40.1300, 0.3082, 0.2890

Tritanomaly

40.3709, 0.3331, 0.3025

Monochromacy



Original Color

40.2285, 0.3225, 0.2821

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.1640, 0.3163, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2285, 0.3225, 0.2821 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, 156, 194)` looks like.

```
.text, #text, p{  
    color:rgb(202, 156, 194)  
}
```

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, 156, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 156, 194) }
```

Border

The CSS property to change the border of an element to Yxy 40.2285, 0.3225, 0.2821 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, 156, 194) }
```

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

```
.border{ border-color:rgb(202, 156, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 156, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 156, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 156, 194);  
box-shadow:4px 4px 4px 4px rgb(202, 156,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2285, 0.3225, 0.2821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 156, 194) }
```

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

```
.background{ background-color: rgb(202,  
156, 194) }
```

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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