

Converting Colors

$Y_{xy}(35.9569, 0.3237, 0.2728)$

Have a look what the booklet for
Yxy(35.9569, 0.3237, 0.2728)
contains.

Yxy(35.9743, 0.3233, 0.2723)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.9743, 0.3233, 0.2723)

Conversions

Conversions Part 1

Format	Color
Hex	C691BE
RGB	198, 145, 190
RGB Percent	78%, 57%, 75%
CMY	0.2235, 0.4314, 0.2548
CMYK	0.00, 0.27, 0.04, 0.22
HSL	309°, 32%, 67%
HSV	309°, 27%, 78%
XYZ	42.7120, 35.9743, 53.4264
YIQ	165.9770, 17.1430, 25.2310

Conversions

Conversions Part 2

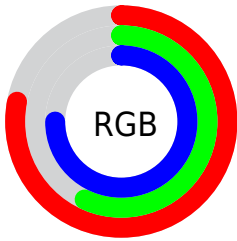
Format	Color
RYB	198, 145, 190
Decimal	13013438
CIELab	66.50, 27.37, -15.51
CIELCh	67, 31.460, 330.471
Yxy	35.9743, 0.3233, 0.2723
Android (android.graphics.Color)	4291203518 (0xFFC691BE)
YUV	165.9770, 11.8433, 28.0842
Hunter-Lab	59.9786, 22.1512, -10.8280

Details

The Yxy color **35.9743, 0.3233, 0.2723** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.7091, 0.3037, 0.3932**, and the grayscale version is **38.0585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7607, 0.3217, 0.2825**, and **15.6512, 0.3246, 0.2560** is the 20% darker color. If you saturate the color by 10%, you get **30.3140, 0.3282, 0.2511**, and if you desaturate by 10%, it is **42.6950, 0.3189, 0.2939**.

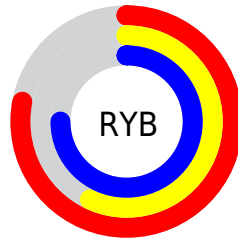
Distribution



Red (78%)

Green (57%)

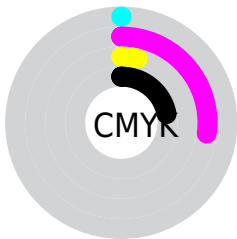
Blue (75%)



Red (78%)

Yellow (57%)

Blue (75%)

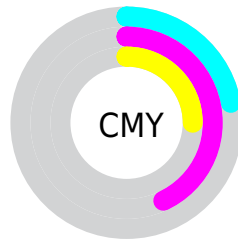


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (22%)



Cyan (22%)


Magenta (43%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9743, 0.3233, 0.2723 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 35.9743, 0.3233, 0.2723 by changing the saturation by 10% instead.


 35.9743, 0.3233,
0.2723


 35.9743, 0.3233,
0.2723

328.8482, 0.3184,
0.3005

 24.4143, 0.3244,
0.2653


 68.9924, 0.3216,
0.2825

 15.6413, 0.3258,
0.2564


 91.2193, 0.3209,
0.2864

 9.2707, 0.3275,
0.2446


117.7707, 0.3203,
0.2896

 4.9181, 0.3295,
0.2283

149.0309, 0.3198,
0.2924

 2.1993, 0.3321,
0.2045

185.3844, 0.3194,
0.2949

 0.7196, 0.3353,
0.1650

227.2155, 0.3190,

 0.0000, 0.3118,

0.2970

0.0000

274.9086, 0.3187,
0.2989

0.0000, 0.0000,
0.0000

35.9743, 0.3233,
0.2723

35.9743, 0.3233,
0.2723

30.3140, 0.3282,
0.2511

42.6950, 0.3189,
0.2939

25.6547, 0.3335,
0.2309

50.5220, 0.3151,
0.3151

21.9381, 0.3391,
0.2129

59.5045, 0.3117,
0.3355

19.0984, 0.3449,
0.1979

69.6872, 0.3088,
0.3548

17.0609, 0.3506,
0.1868

81.1124, 0.3063,
0.3727

■ 15.7389, 0.3562,
0.1801

■ 88.0757, 0.3043,
0.3806

■ 15.0170, 0.3615,
0.1778

■ 88.2236, 0.3027,
0.3772

■ 14.8421, 0.3632,
0.1774

■ 88.3742, 0.3011,
0.3739

■ 88.5276, 0.2995,
0.3705

Harmonies

Analogous

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



35.9743, 0.2764, 0.2550



35.9743, 0.3233, 0.2723



35.9743, 0.3705, 0.3022

Triad

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



35.9743, 0.3233, 0.2723



35.9743, 0.3851, 0.4060



35.9743, 0.2307, 0.3080

Complementary

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



35.9743, 0.3233, 0.2723



48.7091, 0.3037, 0.3932

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.



35.9743, 0.2558, 0.3553



35.9743, 0.3233, 0.2723



35.9743, 0.3443, 0.4157

Square

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



35.9743, 0.3233, 0.2723



35.9743, 0.4071, 0.3768



35.9743, 0.2969, 0.3972



35.9743, 0.2261, 0.2719

Rectangle

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



35.9743, 0.3233, 0.2723



35.9743, 0.3941, 0.3266



35.9743, 0.2969, 0.3972



35.9743, 0.2369, 0.3231

Sweetspot

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



35.9759, 0.3233, 0.2723



87.4718, 0.3155, 0.3123



31.0951, 0.2737, 0.2544



18.2506, 0.3161, 0.3090



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.



35.9759, 0.3233, 0.2723



57.7554, 0.3260, 0.2601



34.9209, 0.3499, 0.3049



10.7881, 0.3160, 0.3096



9.6617, 0.3626, 0.1771



0.4651, 0.3526, 0.1716

Inverse Universe

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



35.9759, 0.3233, 0.2723



57.7554, 0.3260, 0.2601



49.6832, 0.2859, 0.3546



10.7881, 0.3160, 0.3096



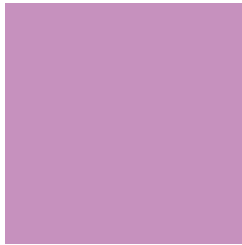
9.6617, 0.3626, 0.1771



0.4651, 0.3526, 0.1716

Previews

White Background



This preview shows how the Yxy color 35.9743, 0.3233, 0.2723 looks on a white background.

Color Contrast Check

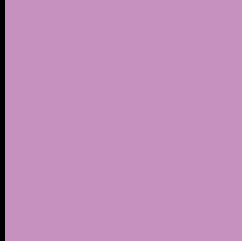
Large Text (above 18pt) WCAG AA × Fail

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 35.9743, 0.3233, 0.2723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

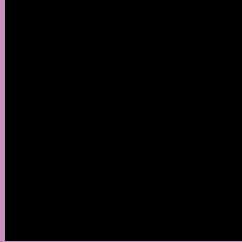
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9743, 0.3233, 0.2723

Background



This preview shows how black text looks on a background with the Yxy color 35.9743, 0.3233, 0.2723.



This preview shows how white text looks on a background with the Yxy color 35.9743, 0.3233, 0.2723.

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

35.9743, 0.3233, 0.2723

Protanopia

36.1310, 0.2732, 0.2723

Deuteranopia

36.1916, 0.2943, 0.2876



Tritanopia

35.8907, 0.3463, 0.3132

Trichromacy



Original Color

35.9743, 0.3233, 0.2723

Protanomaly

35.9089, 0.2895, 0.2724

Deuteranomaly

35.9216, 0.3045, 0.2809

Tritanomaly

35.7605, 0.3376, 0.2978

Monochromacy



Original Color

35.9743, 0.3233, 0.2723

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.0138, 0.3167, 0.3058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9743, 0.3233, 0.2723 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(198, 145, 190)` looks like.

```
.text, #text, p{  
    color:rgb(198, 145, 190)  
}
```

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(198, 145, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 145, 190) }
```

Border

The CSS property to change the border of an element to Yxy 35.9743, 0.3233, 0.2723 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(198, 145, 190) }
```

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

```
.border{ border-color:rgb(198, 145, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 145, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 145, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 145, 190);  
box-shadow:4px 4px 4px 4px rgb(198, 145,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9743, 0.3233, 0.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 145, 190) }
```

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

```
.background{ background-color: rgb(198,  
145, 190) }
```

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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