

Converting Colors

$Yxy(37.8657, 0.3271, 0.2918)$

Have a look what the booklet for
Yxy(37.8657, 0.3271, 0.2918)
contains.

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Color

Yxy(37.7620, 0.3272, 0.2918)

Conversions

Conversions Part 1

Format	Color
Hex	C399B6
RGB	195, 153, 182
RGB Percent	76%, 60%, 71%
CMY	0.2352, 0.4000, 0.2863
CMYK	0.00, 0.22, 0.07, 0.24
HSL	319°, 26%, 68%
HSV	319°, 22%, 76%
XYZ	42.3431, 37.7620, 49.3054
YIQ	168.8640, 15.7230, 17.9230

Conversions

Conversions Part 2

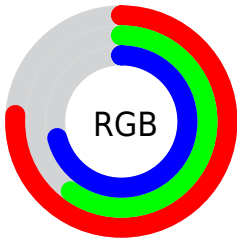
Format	Color
R_{YB}	195, 153, 182
Decimal	12818870
CIE Lab	67.84, 20.47, -9.02
CIE LCh	68, 22.372, 336.216
Yxy	37.7620, 0.3272, 0.2918
Android (android.graphics.Color)	4291008950 (0xFFC399B6)
YUV	168.8640, 6.4760, 22.9213
Hunter-Lab	61.4508, 15.4579, -4.5561

Details

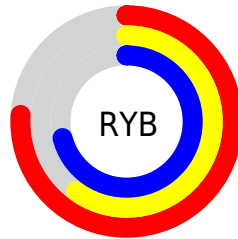
The Yxy color **37.7620, 0.3272, 0.2918** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.5662, 0.3007, 0.3694**, and the grayscale version is **39.5684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9802, 0.3245, 0.2989**, and **16.7504, 0.3316, 0.2819** is the 20% darker color. If you saturate the color by 10%, you get **31.6483, 0.3358, 0.2739**, and if you desaturate by 10%, it is **44.9332, 0.3198, 0.3095**.

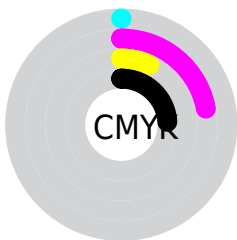
Distribution



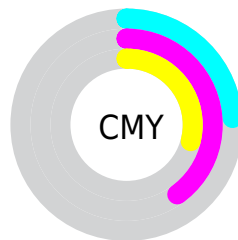
- Red (76%)
- Green (60%)
- Blue (71%)



- Red (76%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (22%)
- Yellow (7%)
- Black (24%)





- Cyan (24%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7620, 0.3272, 0.2918 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 37.7620, 0.3272, 0.2918 by changing the saturation by 10% instead.


 37.7620, 0.3272,
0.2918

 37.7620, 0.3272,
0.2918


336.5979, 0.3200,
0.3105

 25.7980, 0.3290,
0.2871


 71.7432, 0.3246,
0.2986

 16.6726, 0.3313,
0.2811


 94.5292, 0.3236,
0.3012

 10.0013, 0.3344,
0.2730


121.6914, 0.3228,
0.3033

 5.3998, 0.3387,
0.2617

153.6140, 0.3220,
0.3052

 2.4837, 0.3450,
0.2448

190.6816, 0.3214,
0.3068

 0.8685, 0.3553,
0.2167

233.2785, 0.3209,

 0.0000, 0.4239,

0.3082

0.0000

281.7892, 0.3204,
0.3094

■ 0.0000, 0.0000,
0.0000

■ 37.7620, 0.3272,
0.2918

■ 37.7620, 0.3272,
0.2918

■ 31.6483, 0.3358,
0.2739

■ 44.9332, 0.3198,
0.3095

■ 26.5363, 0.3456,
0.2563

■ 53.2041, 0.3136,
0.3265

■ 22.3727, 0.3566,
0.2400

■ 62.6210, 0.3083,
0.3425

■ 19.0971, 0.3687,
0.2258

■ 73.2256, 0.3039,
0.3575

■ 16.6424, 0.3815,
0.2149

■ 85.0580, 0.3002,
0.3713

■ 14.9316, 0.3948,
0.2083

■ 88.2016, 0.2970,
0.3691

■ 13.8730, 0.4080,
0.2065

■ 88.5247, 0.2937,
0.3623

■ 13.3410, 0.4189,
0.2081

■ 88.8594, 0.2905,
0.3555

■ 89.2059, 0.2873,
0.3489

Harmonies

Analogous

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



37.7620, 0.2934, 0.2771



37.7620, 0.3272, 0.2918



37.7620, 0.3584, 0.3153

Triad

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



37.7620, 0.3272, 0.2918



37.7620, 0.3595, 0.3859



37.7620, 0.2523, 0.3095

Complementary

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



37.7620, 0.3272, 0.2918



48.5662, 0.3007, 0.3694

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.



37.7620, 0.2681, 0.3413



37.7620, 0.3272, 0.2918



37.7620, 0.3295, 0.3876

Square

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



37.7620, 0.3272, 0.2918



37.7620, 0.3774, 0.3687



37.7620, 0.2960, 0.3710



37.7620, 0.2517, 0.2856

Rectangle

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



37.7620, 0.3272, 0.2918



37.7620, 0.3728, 0.3335



37.7620, 0.2960, 0.3710



37.7620, 0.2560, 0.3196

Sweetspot

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



37.7637, 0.3272, 0.2918



88.2855, 0.3163, 0.3188



34.7874, 0.2880, 0.2716



19.1170, 0.3167, 0.3177



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.



37.7637, 0.3272, 0.2918



62.0723, 0.3312, 0.2831



36.9743, 0.3472, 0.3180



10.1926, 0.3184, 0.3132



8.6845, 0.4172, 0.2072



0.3871, 0.3908, 0.1927

Inverse Universe

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



37.7637, 0.3272, 0.2918



62.0723, 0.3312, 0.2831



49.3833, 0.2866, 0.3403



10.1926, 0.3184, 0.3132



8.6845, 0.4172, 0.2072



0.3871, 0.3908, 0.1927

Previews

White Background



This preview shows how the Yxy color 37.7620, 0.3272, 0.2918 looks on a white background.

Color Contrast Check

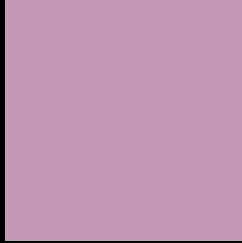
Large Text (above 18pt) WCAG AA × Fail

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 37.7620, 0.3272, 0.2918 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 37.7620, 0.3272, 0.2918

Background



This preview shows how black text looks on a background with the Yxy color 37.7620, 0.3272, 0.2918.



This preview shows how white text looks on a background with the Yxy color 37.7620, 0.3272, 0.2918.

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

37.7620, 0.3272, 0.2918

Protanopia

37.8021, 0.2893, 0.2943

Deuteranopia

37.8990, 0.3093, 0.3031



Tritanopia

37.6073, 0.3383, 0.3120

Trichromacy



Original Color

37.7620, 0.3272, 0.2918

Protanomaly

37.5710, 0.3023, 0.2937

Deuteranomaly

37.7350, 0.3151, 0.2983

Tritanomaly

37.5977, 0.3346, 0.3043

Monochromacy



Original Color

37.7620, 0.3272, 0.2918

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.7154, 0.3172, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7620, 0.3272, 0.2918 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(195, 153, 182)` looks like.

```
.text, #text, p{  
    color:rgb(195, 153, 182)  
}
```

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(195, 153, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 153, 182) }
```

Border

The CSS property to change the border of an element to Yxy 37.7620, 0.3272, 0.2918 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(195, 153, 182) }
```

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

```
.border{ border-color:rgb(195, 153, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 153, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 153, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 153, 182);  
box-shadow:4px 4px 4px 4px rgb(195, 153,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7620, 0.3272, 0.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 153, 182) }
```

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

```
.background{ background-color: rgb(195,  
153, 182) }
```

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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