

Converting Colors

$Y_{xy}(40.3956, 0.3255, 0.2954)$

Have a look what the booklet for
Yxy(40.3956, 0.3255, 0.2954)
contains.

Yxy(40.3472, 0.3257, 0.2950)	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(40.3472, 0.3257, 0.2950)

Conversions

Conversions Part 1

Format	Color
Hex	C69FBA
RGB	198, 159, 186
RGB Percent	78%, 62%, 73%
CMY	0.2235, 0.3764, 0.2707
CMYK	0.00, 0.20, 0.06, 0.22
HSL	319°, 25%, 70%
HSV	319°, 20%, 78%
XYZ	44.5460, 40.3472, 51.8769
YIQ	173.7390, 14.5770, 16.6650

Conversions

Conversions Part 2

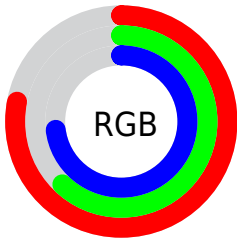
Format	Color
RYB	198, 159, 186
Decimal	13017018
CIELab	69.72, 18.92, -8.42
CIELCh	70, 20.707, 336.004
Yxy	40.3472, 0.3257, 0.2950
Android (android.graphics.Color)	4291207098 (0xFFC69FBA)
YUV	173.7390, 6.0447, 21.2769
Hunter-Lab	63.5194, 14.0226, -3.9591

Details

The Yxy color **40.3472, 0.3257, 0.2950** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.6998, 0.3018, 0.3656**, and the grayscale version is **42.1496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7639, 0.3234, 0.3013**, and **18.1381, 0.3295, 0.2847** is the 20% darker color. If you saturate the color by 10%, you get **33.8213, 0.3340, 0.2770**, and if you desaturate by 10%, it is **47.9785, 0.3186, 0.3126**.

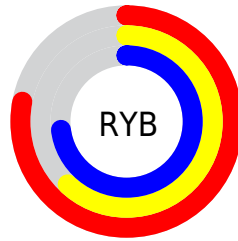
Distribution



Red (78%)

Green (62%)

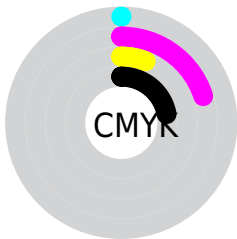
Blue (73%)



Red (78%)

Yellow (62%)

Blue (73%)

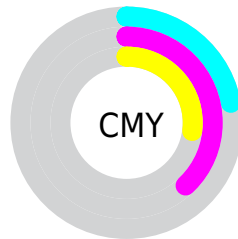


Cyan (0%)

Magenta (20%)

Yellow (6%)

Black (22%)



Cyan (22%)


Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3472, 0.3257, 0.2950 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 40.3472, 0.3257, 0.2950 by changing the saturation by 10% instead.


 40.3472, 0.3257,
0.2950


 40.3472, 0.3257,
0.2950


347.5848, 0.3193,
0.3119

 27.8094, 0.3273,
0.2908


 75.6919, 0.3234,
0.3011

 18.1820, 0.3293,
0.2854


 99.2676, 0.3225,
0.3035

 11.0807, 0.3320,
0.2782


127.2913, 0.3218,
0.3054

 6.1212, 0.3357,
0.2683

160.1475, 0.3211,
0.3071

 2.9189, 0.3411,
0.2535

198.2206, 0.3206,
0.3085

 1.0895, 0.3498,
0.2294

241.8949, 0.3201,

 0.0000, 0.4379,

0.3098

0.0000

291.5548, 0.3197,
0.3109

0.0000, 0.0000,
0.0000

40.3472, 0.3257,
0.2950

40.3472, 0.3257,
0.2950

33.8213, 0.3340,
0.2770

47.9785, 0.3186,
0.3126

28.3434, 0.3435,
0.2593

56.7584, 0.3125,
0.3295

23.8593, 0.3543,
0.2426

66.7342, 0.3075,
0.3454

20.3073, 0.3661,
0.2279

77.9491, 0.3032,
0.3602

17.6193, 0.3788,
0.2163

88.5094, 0.2996,
0.3709

■ 15.7175, 0.3920,
0.2088

■ 88.8322, 0.2963,
0.3640

■ 14.5099, 0.4051,
0.2061

■ 89.1669, 0.2931,
0.3572

■ 13.8278, 0.4180,
0.2078

■ 89.5136, 0.2898,
0.3505

■ 13.8090, 0.4184,
0.2078

■ 89.8724, 0.2866,
0.3439

Harmonies

Analogous

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



40.3472, 0.2951, 0.2817



40.3472, 0.3257, 0.2950



40.3472, 0.3539, 0.3164

Triad

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



40.3472, 0.3257, 0.2950



40.3472, 0.3553, 0.3805



40.3472, 0.2578, 0.3118

Complementary

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



40.3472, 0.3257, 0.2950



50.6998, 0.3018, 0.3656

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.



40.3472, 0.2724, 0.3404



40.3472, 0.3257, 0.2950



40.3472, 0.3283, 0.3819

Square

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



40.3472, 0.3257, 0.2950



40.3472, 0.3713, 0.3651



40.3472, 0.2979, 0.3670



40.3472, 0.2571, 0.2899

Rectangle

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



40.3472, 0.3257, 0.2950



40.3472, 0.3669, 0.3331



40.3472, 0.2979, 0.3670



40.3472, 0.2612, 0.3209

Sweetspot

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



40.3490, 0.3257, 0.2950



90.3234, 0.3163, 0.3188



37.5019, 0.2904, 0.2769



19.1174, 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.



40.3490, 0.3257, 0.2950



65.8178, 0.3294, 0.2866



39.5880, 0.3437, 0.3190



10.7588, 0.3184, 0.3132



8.9967, 0.4167, 0.2069



0.4385, 0.3921, 0.1934

Inverse Universe

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



40.3490, 0.3257, 0.2950



65.8178, 0.3294, 0.2866



51.4846, 0.2887, 0.3393



10.7588, 0.3184, 0.3132



8.9967, 0.4167, 0.2069



0.4385, 0.3921, 0.1934

Previews

White Background



This preview shows how the Yxy color 40.3472, 0.3257, 0.2950 looks on a white background.

Color Contrast Check

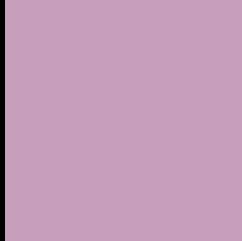
Large Text (above 18pt) WCAG AA × Fail

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 40.3472, 0.3257, 0.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

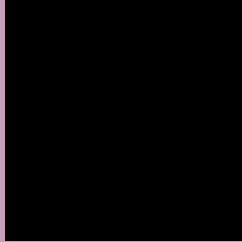
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3472, 0.3257, 0.2950

Background



This preview shows how black text looks on a background with the Yxy color 40.3472, 0.3257, 0.2950.



This preview shows how white text looks on a background with the Yxy color 40.3472, 0.3257, 0.2950.

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

40.3472, 0.3257, 0.2950

Protanopia

40.3972, 0.2923, 0.2979

Deuteranopia

40.5990, 0.3103, 0.3039



Tritanopia

40.2815, 0.3346, 0.3123

Trichromacy



Original Color

40.3472, 0.3257, 0.2950

Protanomaly

40.0929, 0.3034, 0.2959

Deuteranomaly

40.2620, 0.3159, 0.3004

Tritanomaly

40.2263, 0.3320, 0.3060

Monochromacy



Original Color

40.3472, 0.3257, 0.2950

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6576, 0.3178, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3472, 0.3257, 0.2950 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, 159, 186)` looks like.

```
.text, #text, p{  
    color:rgb(198, 159, 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(198, 159, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 159, 186) }
```

Border

The CSS property to change the border of an element to Yxy 40.3472, 0.3257, 0.2950 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, 159, 186) }
```

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

```
.border{ border-color:rgb(198, 159, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 159, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 159, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 159, 186);  
box-shadow:4px 4px 4px 4px rgb(198, 159,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3472, 0.3257, 0.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 159, 186) }
```

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

```
.background{ background-color: rgb(198,  
159, 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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