

Converting Colors

Yxy(32.6396, 0.3146, 0.2759)

Have a look what the booklet for
Yxy(32.6396, 0.3146, 0.2759)
contains.

Yxy(32.5472, 0.3142, 0.2751)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.5472, 0.3142, 0.2751)

Conversions

Conversions Part 1

Format	Color
Hex	B58EB6
RGB	181, 142, 182
RGB Percent	71%, 56%, 71%
CMY	0.2902, 0.4431, 0.2862
CMYK	0.01, 0.22, 0.00, 0.29
HSL	298°, 22%, 64%
HSV	298°, 22%, 71%
XYZ	37.1731, 32.5472, 48.5901
YIQ	158.2210, 10.4040, 20.7080

Conversions

Conversions Part 2

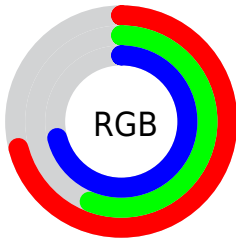
Format	Color
R _Y B	181, 142, 182
Decimal	11898550
CIE Lab	63.79, 21.72, -15.26
CIE LCh	64, 26.544, 324.901
Yxy	32.5472, 0.3142, 0.2751
Android (android.graphics.Color)	4290088630 (0xFFB58EB6)
YUV	158.2210, 11.7230, 19.9772
Hunter-Lab	57.0502, 16.4705, -10.5627

Details

The Yxy color **32.5472, 0.3142, 0.2751** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.2602, 0.3107, 0.3891**, and the grayscale version is **34.2407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6574, 0.3140, 0.2852**, and **13.6563, 0.3146, 0.2587** is the 20% darker color. If you saturate the color by 10%, you get **27.5107, 0.3148, 0.2505**, and if you desaturate by 10%, it is **38.4711, 0.3136, 0.2999**.

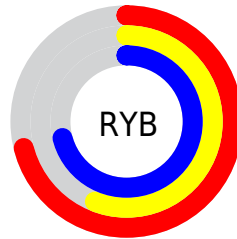
Distribution



Red (71%)

Green (56%)

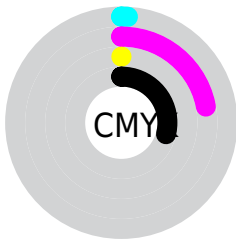
Blue (71%)



Red (71%)

Yellow (56%)

Blue (71%)

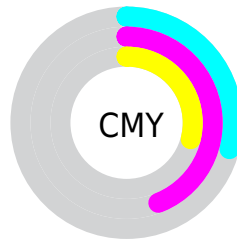


Cyan (1%)

Magenta (22%)

Yellow (0%)

Black (29%)



Cyan (29%)


Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5472, 0.3142, 0.2751 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 32.5472, 0.3142, 0.2751 by changing the saturation by 10% instead.

 32.5472, 0.3142,
0.2751


 32.5472, 0.3142,
0.2751


313.6044, 0.3139,
0.3025


 21.7798, 0.3141,
0.2681


 63.6679, 0.3142,
0.2852

 13.6952, 0.3139,
0.2591


 84.7901, 0.3142,
0.2889

 7.9090, 0.3135,
0.2470

 110.1326, 0.3141,
0.2921

 4.0368, 0.3126,
0.2300

140.0799, 0.3141,
0.2948

 1.6941, 0.3103,
0.2043

175.0163, 0.3140,
0.2971

 0.4199, 0.3116,
0.1403

215.3262, 0.3140,

 0.0000, 0.0000,

0.2991

0.0000

261.3942, 0.3139,
0.3009

■ 32.5472, 0.3142,
0.2751

■ 32.5472, 0.3142,
0.2751

■ 27.5107, 0.3148,
0.2505

■ 38.4711, 0.3136,
0.2999

■ 23.3146, 0.3152,
0.2269

■ 45.3182, 0.3129,
0.3243

■ 19.9138, 0.3155,
0.2052

■ 53.1275, 0.3121,
0.3476

■ 17.2574, 0.3157,
0.1865

■ 61.9342, 0.3114,
0.3695

■ 15.2886, 0.3156,
0.1715

■ 71.7722, 0.3107,
0.3899

■ 13.9422, 0.3154,
0.1605

■ 82.6735, 0.3100,
0.4086

■ 13.1410, 0.3150,
0.1538

■ 85.1212, 0.3101,
0.4122

■ 12.7667, 0.3145,
0.1506

■ 85.1791, 0.3104,
0.4122

■ 85.2372, 0.3107,
0.4121

Harmonies

Analogous

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



32.5472, 0.2744, 0.2623



32.5472, 0.3142, 0.2751



32.5472, 0.3561, 0.3001

Triad

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



32.5472, 0.3142, 0.2751



32.5472, 0.3813, 0.3931



32.5472, 0.2434, 0.3184

Complementary

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



32.5472, 0.3142, 0.2751



41.2602, 0.3107, 0.3891

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.



32.5472, 0.2688, 0.3595



32.5472, 0.3142, 0.2751



32.5472, 0.3482, 0.4045

Square

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



32.5472, 0.3142, 0.2751



32.5472, 0.3962, 0.3659



32.5472, 0.3069, 0.3927



32.5472, 0.2357, 0.2841

Rectangle

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



32.5472, 0.3142, 0.2751



32.5472, 0.3787, 0.3211



32.5472, 0.3069, 0.3927



32.5472, 0.2501, 0.3320

Sweetspot

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



32.5486, 0.3142, 0.2751



75.5556, 0.3132, 0.3119



28.8760, 0.2764, 0.2708



16.5257, 0.3133, 0.3104



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.5486, 0.3142, 0.2751



54.7336, 0.3145, 0.2641



31.9517, 0.3339, 0.2995



9.1507, 0.3134, 0.3064



9.0180, 0.3146, 0.1507



0.3216, 0.3163, 0.1516

Inverse Universe

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



31.2790, 0.3555, 0.3277



52.0590, 0.3669, 0.3274



41.7777, 0.2959, 0.3605



9.0158, 0.3284, 0.3285



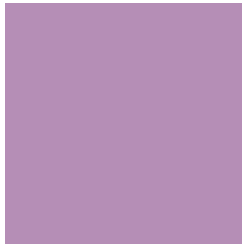
7.0319, 0.6367, 0.3281



0.2492, 0.6235, 0.3208

Previews

White Background



This preview shows how the Yxy color 32.5472, 0.3142, 0.2751 looks on a white background.

Color Contrast Check

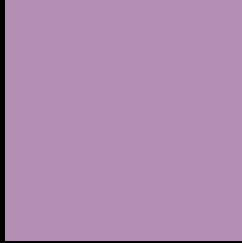
Large Text (above 18pt) WCAG AA × Fail

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 32.5472, 0.3142, 0.2751 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 32.5472, 0.3142, 0.2751

Background



This preview shows how black text looks on a background with the Yxy color 32.5472, 0.3142, 0.2751.



This preview shows how white text looks on a background with the Yxy color 32.5472, 0.3142, 0.2751.

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

32.5472, 0.3142, 0.2751

Protanopia

32.6112, 0.2747, 0.2753

Deuteranopia

32.6976, 0.2935, 0.2872



Tritanopia

32.4914, 0.3344, 0.3122

Trichromacy



Original Color

32.5472, 0.3142, 0.2751

Protanomaly

32.4537, 0.2884, 0.2751

Deuteranomaly

32.6230, 0.3001, 0.2825

Tritanomaly

32.6245, 0.3266, 0.2985

Monochromacy



Original Color

32.5472, 0.3142, 0.2751

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.3535, 0.3127, 0.3074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5472, 0.3142, 0.2751 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(181, 142, 182)` looks like.

```
.text, #text, p{  
    color:rgb(181, 142, 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(181, 142, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 142, 182) }
```

Border

The CSS property to change the border of an element to Yxy 32.5472, 0.3142, 0.2751 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(181, 142, 182) }
```

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

```
.border{ border-color:rgb(181, 142, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 142, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 142, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 142, 182);  
box-shadow:4px 4px 4px 4px rgb(181, 142,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5472, 0.3142, 0.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 142, 182) }
```

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

```
.background{ background-color: rgb(181,  
142, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor