

Converting Colors

$Y_{xy}(32.7656, 0.3138, 0.2546)$

Have a look what the booklet for
Yxy(32.7656, 0.3138, 0.2546)
contains.

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Color

Yxy(32.7549, 0.3132, 0.2540)

Conversions

Conversions Part 1

Format	Color
Hex	C088C3
RGB	192, 136, 195
RGB Percent	75%, 53%, 76%
CMY	0.2471, 0.4666, 0.2354
CMYK	0.02, 0.30, 0.00, 0.24
HSL	297°, 33%, 65%
HSV	297°, 30%, 76%
XYZ	40.3891, 32.7549, 55.8123
YIQ	159.4700, 14.4370, 30.2210

Conversions

Conversions Part 2

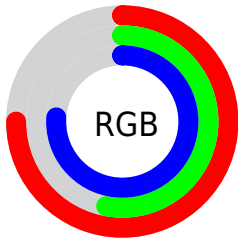
Format	Color
R_{YB}	192, 136, 195
Decimal	12617923
CIE _{Lab}	63.96, 31.24, -22.20
CIE _{LCh}	64, 38.324, 324.608
Yxy	32.7549, 0.3132, 0.2540
Android (android.graphics.Color)	4290808003 (0xFFC088C3)
YUV	159.4700, 17.5163, 28.5288
Hunter-Lab	57.2319, 25.8134, -17.7570

Details

The Yxy color **32.7549, 0.3132, 0.2540** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.2893, 0.3109, 0.4159**, and the grayscale version is **34.8112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9949, 0.3133, 0.2672**, and **13.8234, 0.3129, 0.2333** is the 20% darker color. If you saturate the color by 10%, you get **27.6255, 0.3131, 0.2298**, and if you desaturate by 10%, it is **38.8870, 0.3132, 0.2791**.

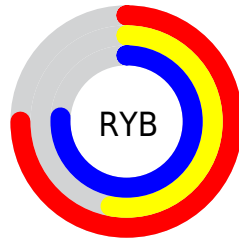
Distribution



Red (75%)

Green (53%)

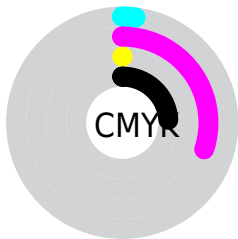
Blue (76%)



Red (75%)

Yellow (53%)

Blue (76%)

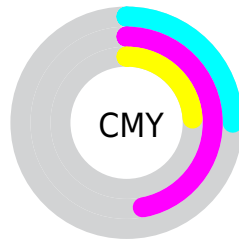


Cyan (2%)

Magenta (30%)

Yellow (0%)

Black (24%)



Cyan (25%)

Magenta (47%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.7549, 0.3132, 0.2540 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 32.7549, 0.3132, 0.2540 by changing the saturation by 10% instead.


 32.7549, 0.3132,
0.2540


 32.7549, 0.3132,
0.2540


314.5439, 0.3138,
0.2913


 21.9388, 0.3128,
0.2448


 63.9927, 0.3136,
0.2675

 13.8119, 0.3120,
0.2331


 85.1831, 0.3137,
0.2726

 7.9900, 0.3107,
0.2177


 110.6004, 0.3138,
0.2769

 4.0885, 0.3083,
0.1967

140.6290, 0.3138,
0.2806

 1.7232, 0.3033,
0.1666

175.6532, 0.3139,
0.2838

 0.4386, 0.2967,
0.1061

216.0575, 0.3139,


 0.0000, 0.1338,

0.2866


0.0000


262.2262, 0.3138,
0.2891

 0.0000, 0.0000,
0.0000

 32.7549, 0.3132,
0.2540


 32.7549, 0.3132,
0.2540

 27.6255, 0.3131,
0.2298


 38.8870, 0.3132,
0.2791


 23.4404, 0.3127,
0.2073


 46.0678, 0.3130,
0.3041


 20.1417, 0.3122,
0.1875

 54.3453, 0.3127,
0.3284


 17.6632, 0.3114,
0.1713


 63.7635, 0.3124,
0.3516

 15.9298, 0.3105,
0.1592

 74.3640, 0.3119,
0.3733

 14.8522, 0.3094,
0.1514

 86.1862, 0.3115,
0.3934

 14.2652, 0.3082,
0.1472

 87.5896, 0.3120,
0.3952

 87.7253, 0.3126,
0.3951

 87.8618, 0.3132,
0.3950

Harmonies

Analogous

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



32.7549, 0.2574, 0.2364



32.7549, 0.3132, 0.2540



32.7549, 0.3744, 0.2875

Triad

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



32.7549, 0.3132, 0.2540



32.7549, 0.4099, 0.4180



32.7549, 0.2156, 0.3122

Complementary

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



32.7549, 0.3132, 0.2540



46.2893, 0.3109, 0.4159

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.



32.7549, 0.2500, 0.3739



32.7549, 0.3132, 0.2540



32.7549, 0.3618, 0.4388

Square

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



32.7549, 0.3132, 0.2540



32.7549, 0.4325, 0.3774



32.7549, 0.3031, 0.4241



32.7549, 0.2055, 0.2640

Rectangle

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



32.7549, 0.3132, 0.2540



32.7549, 0.4078, 0.3158



32.7549, 0.3031, 0.4241



32.7549, 0.2244, 0.3323

Sweetspot

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



32.7563, 0.3132, 0.2540



84.0646, 0.3130, 0.3068



27.9142, 0.2605, 0.2476



17.9577, 0.3130, 0.3031



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.



32.7563, 0.3132, 0.2540



52.6729, 0.3131, 0.2385



32.0921, 0.3423, 0.2852



10.2207, 0.3130, 0.3063



9.2848, 0.3084, 0.1473



0.4093, 0.3114, 0.1489

Inverse Universe

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



31.0756, 0.3763, 0.3252



49.2280, 0.3957, 0.3243



46.8507, 0.2912, 0.3775



10.0860, 0.3281, 0.3279



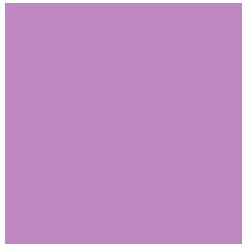
7.5586, 0.6338, 0.3265



0.3295, 0.6114, 0.3142

Previews

White Background



This preview shows how the Yxy color 32.7549, 0.3132, 0.2540 looks on a white background.

Color Contrast Check

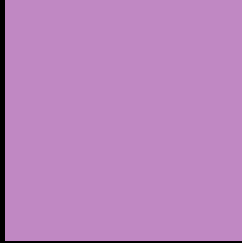
Large Text (above 18pt) WCAG AA × Fail

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 32.7549, 0.3132, 0.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

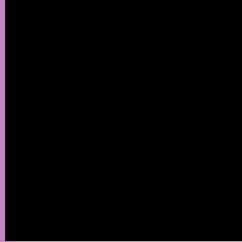
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7549, 0.3132, 0.2540

Background



This preview shows how black text looks on a background with the Yxy color 32.7549, 0.3132, 0.2540.



This preview shows how white text looks on a background with the Yxy color 32.7549, 0.3132, 0.2540.

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

32.7549, 0.3132, 0.2540

Protanopia

32.9120, 0.2569, 0.2517

Deuteranopia

32.9376, 0.2783, 0.2720



Tritanopia

32.7522, 0.3464, 0.3140

Trichromacy



Original Color

32.7549, 0.3132, 0.2540

Protanomaly

32.5502, 0.2753, 0.2524

Deuteranomaly

32.6235, 0.2906, 0.2645

Tritanomaly

32.6434, 0.3335, 0.2901

Monochromacy



Original Color

32.7549, 0.3132, 0.2540

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.7697, 0.3131, 0.2995

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7549, 0.3132, 0.2540 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(192, 136, 195)` looks like.

```
.text, #text, p{  
    color:rgb(192, 136, 195)  
}
```

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(192, 136, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 136, 195) }
```

Border

The CSS property to change the border of an element to Yxy 32.7549, 0.3132, 0.2540 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(192, 136, 195) }
```

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

```
.border{ border-color:rgb(192, 136, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 136, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 136, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 136, 195);  
box-shadow:4px 4px 4px 4px rgb(192, 136,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7549, 0.3132, 0.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 136, 195) }
```

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

```
.background{ background-color: rgb(192,  
136, 195) }
```

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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