

Converting Colors

$Y_{xy}(32.3241, 0.3205, 0.2607)$

Have a look what the booklet for
Yxy(32.3241, 0.3205, 0.2607)
contains.

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Color

Yxy(32.2962, 0.3211, 0.2610)

Conversions

Conversions Part 1

Format	Color
Hex	C187BC
RGB	193, 135, 188
RGB Percent	76%, 53%, 74%
CMY	0.2431, 0.4706, 0.2628
CMYK	0.00, 0.30, 0.03, 0.24
HSL	305°, 32%, 64%
HSV	305°, 30%, 76%
XYZ	39.7330, 32.2962, 51.7110
YIQ	158.3840, 17.5550, 28.7790

Conversions

Conversions Part 2

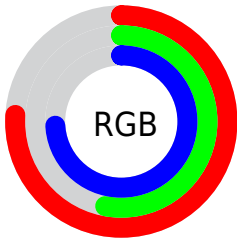
Format	Color
R _Y B	193, 135, 188
Decimal	12683196
CIE Lab	63.59, 30.81, -18.82
CIE LCh	64, 36.106, 328.581
Yxy	32.2962, 0.3211, 0.2610
Android (android.graphics.Color)	4290873276 (0xFFC187BC)
YUV	158.3840, 14.6007, 30.3582
Hunter-Lab	56.8297, 25.3477, -14.1689

Details

The Yxy color **32.2962, 0.3211, 0.2610** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.1868, 0.3052, 0.4080**, and the grayscale version is **34.3026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2508, 0.3200, 0.2737**, and **13.5789, 0.3228, 0.2410** is the 20% darker color. If you saturate the color by 10%, you get **27.3196, 0.3244, 0.2389**, and if you desaturate by 10%, it is **38.2528, 0.3180, 0.2839**.

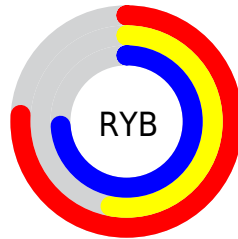
Distribution



Red (76%)

Green (53%)

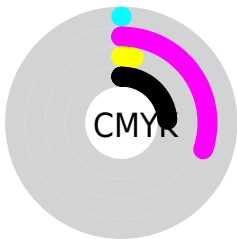
Blue (74%)



Red (76%)

Yellow (53%)

Blue (74%)

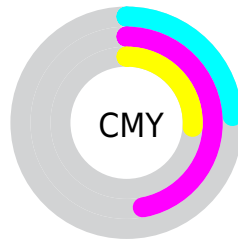


Cyan (0%)

Magenta (30%)

Yellow (3%)

Black (24%)



Cyan (24%)

Magenta (47%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.2962, 0.3211, 0.2610 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 32.2962, 0.3211, 0.2610 by changing the saturation by 10% instead.

 32.2962, 0.3211,
0.2610


 32.2962, 0.3211,
0.2610


312.4663, 0.3175,
0.2951


 21.5878, 0.3218,
0.2525


 63.2751, 0.3199,
0.2734

 13.5544, 0.3226,
0.2416


 84.3145, 0.3194,
0.2780

 7.8114, 0.3234,
0.2272


 109.5664, 0.3190,
0.2820

 3.9745, 0.3241,
0.2073

139.4151, 0.3186,
0.2854

 1.6593, 0.3241,
0.1782

174.2450, 0.3183,
0.2883

 0.3971, 0.3287,
0.1122

214.4406, 0.3180,

 0.0000, 0.1247,

0.2908

0.0000

260.3863, 0.3177,
0.2931

0.0000, 0.0000,
0.0000

32.2962, 0.3211,
0.2610

32.2962, 0.3211,
0.2610

27.3196, 0.3244,
0.2389

38.2528, 0.3180,
0.2839

23.2658, 0.3278,
0.2183

45.2338, 0.3152,
0.3067

20.0785, 0.3313,
0.2004

53.2862, 0.3127,
0.3289

17.6935, 0.3348,
0.1859

62.4529, 0.3105,
0.3500

16.0376, 0.3381,
0.1755

72.7743, 0.3086,
0.3699

■ 15.0242, 0.3412,
0.1694

■ 84.2888, 0.3069,
0.3883

■ 14.4853, 0.3440,
0.1669

■ 87.0125, 0.3058,
0.3905

■ 87.0908, 0.3049,
0.3886

■ 87.1699, 0.3040,
0.3867

Harmonies

Analogous

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



32.2962, 0.2665, 0.2420



32.2962, 0.3211, 0.2610



32.2962, 0.3781, 0.2947

Triad

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



32.2962, 0.3211, 0.2610



32.2962, 0.4002, 0.4178



32.2962, 0.2177, 0.3063

Complementary

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



32.2962, 0.3211, 0.2610



45.1868, 0.3052, 0.4080

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.



32.2962, 0.2477, 0.3638



32.2962, 0.3211, 0.2610



32.2962, 0.3525, 0.4331

Square

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



32.2962, 0.3211, 0.2610



32.2962, 0.4253, 0.3812



32.2962, 0.2966, 0.4139



32.2962, 0.2111, 0.2630

Rectangle

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



32.2962, 0.3211, 0.2610



32.2962, 0.4076, 0.3224



32.2962, 0.2966, 0.4139



32.2962, 0.2252, 0.3247

Sweetspot

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



32.2976, 0.3211, 0.2610



82.2423, 0.3150, 0.3088



26.7410, 0.2646, 0.2433



17.2192, 0.3154, 0.3054



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



32.2976, 0.3211, 0.2610



51.8433, 0.3232, 0.2464



31.1763, 0.3515, 0.2968



10.2320, 0.3151, 0.3082



9.6400, 0.3437, 0.1667



0.4210, 0.3380, 0.1636

Inverse Universe

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



32.2976, 0.3211, 0.2610



51.8433, 0.3232, 0.2464



46.1513, 0.2855, 0.3639



10.2320, 0.3151, 0.3082



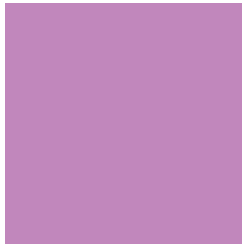
9.6400, 0.3437, 0.1667



0.4210, 0.3380, 0.1636

Previews

White Background



This preview shows how the Yxy color 32.2962, 0.3211, 0.2610 looks on a white background.

Color Contrast Check

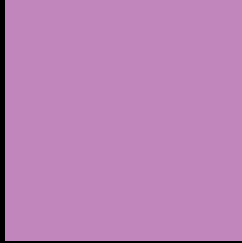
Large Text (above 18pt) WCAG AA × Fail

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 32.2962, 0.3211, 0.2610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

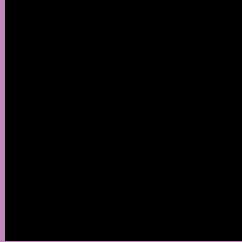
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2962, 0.3211, 0.2610

Background



This preview shows how black text looks on a background with the Yxy color 32.2962, 0.3211, 0.2610.



This preview shows how white text looks on a background with the Yxy color 32.2962, 0.3211, 0.2610.

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

32.2962, 0.3211, 0.2610

Protanopia

32.7034, 0.2640, 0.2619

Deuteranopia

32.5060, 0.2856, 0.2800



Tritanopia

32.3373, 0.3512, 0.3140

Trichromacy



Original Color

32.2962, 0.3211, 0.2610

Protanomaly

32.1204, 0.2826, 0.2598

Deuteranomaly

32.1208, 0.2976, 0.2721

Tritanomaly

32.1656, 0.3401, 0.2929

Monochromacy



Original Color

32.2962, 0.3211, 0.2610

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.3352, 0.3160, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2962, 0.3211, 0.2610 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(193, 135, 188)` looks like.

```
.text, #text, p{  
    color:rgb(193, 135, 188)  
}
```

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(193, 135, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 135, 188) }
```

Border

The CSS property to change the border of an element to Yxy 32.2962, 0.3211, 0.2610 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(193, 135, 188) }
```

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

```
.border{ border-color:rgb(193, 135, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 135, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 135, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 135, 188);  
box-shadow:4px 4px 4px 4px rgb(193, 135,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2962, 0.3211, 0.2610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 135, 188) }
```

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

```
.background{ background-color: rgb(193,  
135, 188) }
```

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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