

Converting Colors

$Y_{xy}(32.1179, 0.3731, 0.2991)$

Have a look what the booklet for
Yxy(32.1179, 0.3731, 0.2991)
contains.

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Color

Yxy(32.2790, 0.3735, 0.3000)

Conversions

Conversions Part 1

Format	Color
Hex	D0849B
RGB	208, 132, 155
RGB Percent	82%, 52%, 61%
CMY	0.1842, 0.4824, 0.3921
CMYK	0.00, 0.37, 0.25, 0.18
HSL	342°, 45%, 67%
HSV	342°, 37%, 82%
XYZ	40.1874, 32.2790, 35.1303
YIQ	157.3460, 37.9130, 23.2650

Conversions

Conversions Part 2

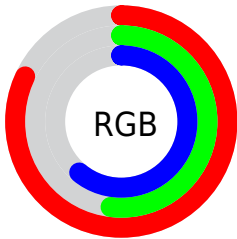
Format	Color
R _Y B	208, 132, 155
Decimal	13665435
CIE Lab	63.57, 32.29, 0.02
CIE LCh	64, 32.292, 0.037
Yxy	32.2790, 0.3735, 0.3000
Android (android.graphics.Color)	4291855515 (0xFFD0849B)
YUV	157.3460, -1.1566, 44.4236
Hunter-Lab	56.8146, 26.8350, 3.1093

Details

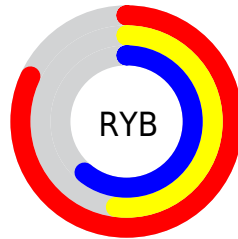
The Yxy color **32.2790, 0.3735, 0.3000** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.5335, 0.2751, 0.3606**, and the grayscale version is **33.8744, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9813, 0.3521, 0.3054**, and **13.5597, 0.3938, 0.2904** is the 20% darker color. If you saturate the color by 10%, you get **26.7321, 0.3990, 0.2922**, and if you desaturate by 10%, it is **39.0123, 0.3523, 0.3082**.

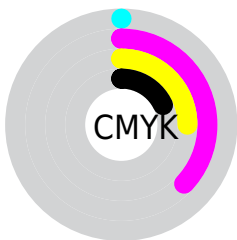
Distribution



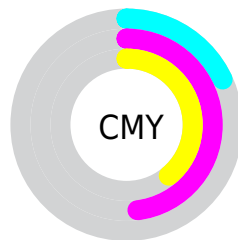
- Red (82%)
- Green (52%)
- Blue (61%)



- Red (82%)
- Yellow (52%)
- Blue (61%)



- Cyan (0%)
- Magenta (37%)
- Yellow (25%)
- Black (18%)





- Cyan (18%)
- Magenta (48%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.2790, 0.3735, 0.3000 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 32.2790, 0.3735, 0.3000 by changing the saturation by 10% instead.

 32.2790, 0.3735,
0.3000


 32.2790, 0.3735,
0.3000


312.3882, 0.3413,
0.3154


 21.5747, 0.3822,
0.2959


 63.2482, 0.3613,
0.3058

 13.5447, 0.3937,
0.2903


 84.2819, 0.3569,
0.3079

 7.8047, 0.4098,
0.2827


 109.5275, 0.3532,
0.3097

 3.9702, 0.4337,
0.2712

139.3695, 0.3501,
0.3112

 1.6569, 0.4727,
0.2526

174.1921, 0.3474,
0.3125

 0.3955, 0.5941,
0.1947

214.3799, 0.3451,

 0.0000, 1.0000,

0.3136

0.0000

260.3171, 0.3431,
0.3145

0.0000, 0.0000,
0.0000

32.2790, 0.3735,
0.3000

32.2790, 0.3735,
0.3000

26.7321, 0.3990,
0.2922

39.0123, 0.3523,
0.3082

22.2978, 0.4289,
0.2857

46.9911, 0.3348,
0.3164

18.9010, 0.4627,
0.2813

56.2760, 0.3206,
0.3242

16.4553, 0.4989,
0.2805


66.9222, 0.3090,
0.3315


14.8603, 0.5348,
0.2841

78.9819, 0.2995,
0.3382

 13.9872, 0.5670,
0.2922

 91.3470, 0.2917,
0.3425

 13.7731, 0.5772,
0.2953

 92.1542, 0.2849,
0.3289

Harmonies

Analogous

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



32.2790, 0.3231, 0.2687



32.2790, 0.3735, 0.3000



32.2790, 0.4076, 0.3390

Triad

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



32.2790, 0.3735, 0.3000



32.2790, 0.3467, 0.4216



32.2790, 0.2210, 0.2686

Complementary

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



32.2790, 0.3735, 0.3000



53.5335, 0.2751, 0.3606

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.



32.2790, 0.2261, 0.3070



32.2790, 0.3735, 0.3000



32.2790, 0.2964, 0.4025

Square

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



32.2790, 0.3735, 0.3000



32.2790, 0.3899, 0.4103



32.2790, 0.2527, 0.3577



32.2790, 0.2375, 0.2498

Rectangle

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



32.2790, 0.3735, 0.3000



32.2790, 0.4148, 0.3659



32.2790, 0.2527, 0.3577



32.2790, 0.2202, 0.2794

Sweetspot

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



32.2805, 0.3735, 0.3000



82.1948, 0.3267, 0.3207



31.2388, 0.2934, 0.2326



17.1627, 0.3287, 0.3196



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.



32.2805, 0.3735, 0.3000



44.0105, 0.3934, 0.2937



35.6156, 0.3941, 0.3470



11.8663, 0.3244, 0.3220



8.5966, 0.5735, 0.2933



0.4947, 0.5205, 0.2641

Inverse Universe

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



32.2805, 0.3735, 0.3000



44.0105, 0.3934, 0.2937



48.0831, 0.2592, 0.3099



11.8663, 0.3244, 0.3220



8.5966, 0.5735, 0.2933



0.4947, 0.5205, 0.2641

Previews

White Background



This preview shows how the Yxy color 32.2790, 0.3735, 0.3000 looks on a white background.

Color Contrast Check

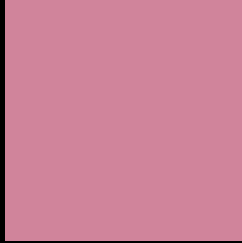
Large Text (above 18pt) WCAG AA × Fail

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 32.2790, 0.3735, 0.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

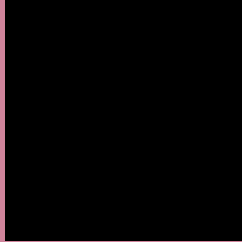
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2790, 0.3735, 0.3000

Background



This preview shows how black text looks on a background with the Yxy color 32.2790, 0.3735, 0.3000.



This preview shows how white text looks on a background with the Yxy color 32.2790, 0.3735, 0.3000.

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

32.2790, 0.3735, 0.3000

Protanopia

32.3819, 0.2992, 0.3066

Deuteranopia

32.3079, 0.3316, 0.3247



Tritanopia

32.3292, 0.3845, 0.3164

Trichromacy



Original Color

32.2790, 0.3735, 0.3000

Protanomaly

31.7794, 0.3243, 0.3034

Deuteranomaly

32.1352, 0.3466, 0.3152

Tritanomaly

32.1786, 0.3802, 0.3100

Monochromacy



Original Color

32.2790, 0.3735, 0.3000

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.8102, 0.3340, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2790, 0.3735, 0.3000 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(208, 132, 155)` looks like.

```
.text, #text, p{  
    color:rgb(208, 132, 155)  
}
```

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(208, 132, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 132, 155) }
```

Border

The CSS property to change the border of an element to Yxy 32.2790, 0.3735, 0.3000 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(208, 132, 155) }
```

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

```
.border{ border-color:rgb(208, 132, 155) }
```

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

Here you see how a box with a 4 pixel rgb(208, 132, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 132, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 132, 155);  
box-shadow:4px 4px 4px 4px rgb(208, 132,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2790, 0.3735, 0.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 132, 155) }
```

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

```
.background{ background-color: rgb(208,  
132, 155) }
```

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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