

Converting Colors

$Y_{xy}(31.8970, 0.3698, 0.2829)$

Have a look what the booklet for
Yxy(31.8970, 0.3698, 0.2829)
contains.

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Color

Yxy(32.0052, 0.3698, 0.2836)

Conversions

Conversions Part 1

Format	Color
Hex	D57FA4
RGB	213, 127, 164
RGB Percent	84%, 50%, 64%
CMY	0.1647, 0.5020, 0.3567
CMYK	0.00, 0.40, 0.23, 0.16
HSL	334°, 51%, 67%
HSV	334°, 40%, 84%
XYZ	41.7332, 32.0052, 39.1150
YIQ	156.9320, 39.3790, 29.7390

Conversions

Conversions Part 2

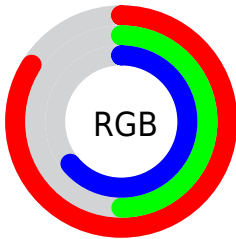
Format	Color
R _Y B	213, 127, 164
Decimal	13991844
CIE Lab	63.35, 38.02, -5.37
CIE LCh	63, 38.393, 351.960
Yxy	32.0052, 0.3698, 0.2836
Android (android.graphics.Color)	4292181924 (0xFFD57FA4)
YUV	156.9320, 3.4845, 49.1716
Hunter-Lab	56.5731, 32.6738, -1.3922

Details

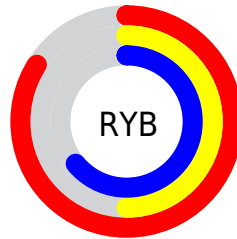
The Yxy color **32.0052, 0.3698, 0.2836** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **55.2344, 0.2781, 0.3804**, and the grayscale version is **33.6569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.4222, 0.3446, 0.2902**, and **13.4067, 0.3880, 0.2707** is the 20% darker color. If you saturate the color by 10%, you get **26.6566, 0.3913, 0.2729**, and if you desaturate by 10%, it is **38.5616, 0.3515, 0.2951**.

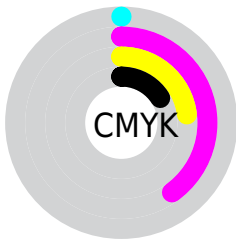
Distribution



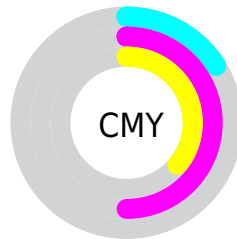
- Red (84%)
- Green (50%)
- Blue (64%)



- Red (84%)
- Yellow (50%)
- Blue (64%)



- Cyan (0%)
- Magenta (40%)
- Yellow (23%)
- Black (16%)




- Cyan (16%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0052, 0.3698, 0.2836 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 32.0052, 0.3698, 0.2836 by changing the saturation by 10% instead.


 32.0052, 0.3698,
0.2836

 32.0052, 0.3698,
0.2836


311.1429, 0.3398,
0.3070

 21.3655, 0.3778,
0.2775


 62.8192, 0.3586,
0.2923

 13.3914, 0.3883,
0.2696


 83.7623, 0.3545,
0.2955

 7.6986, 0.4028,
0.2587


 108.9087, 0.3510,
0.2982

 3.9027, 0.4240,
0.2432

138.6427, 0.3481,
0.3005

 1.6193, 0.4581,
0.2191

173.3487, 0.3456,
0.3025

 0.3706, 0.5421,
0.1476

213.4112, 0.3434,

 0.0000, 1.0000,

0.3042

0.0000

259.2144, 0.3415,
0.3057

0.0000, 0.0000,
0.0000

32.0052, 0.3698,
0.2836

32.0052, 0.3698,
0.2836

26.6566, 0.3913,
0.2729

38.5616, 0.3515,
0.2951

22.4361, 0.4161,
0.2640

46.3897, 0.3362,
0.3067

19.2617, 0.4435,
0.2581


55.5544, 0.3235,
0.3180


17.0379, 0.4724,
0.2565


66.1149, 0.3131,
0.3286

15.6516, 0.5012,
0.2601

78.1268, 0.3045,
0.3385

 14.9141, 0.5274,
0.2679

 91.6424, 0.2974,
0.3477

 92.5015, 0.2909,
0.3352

 92.8863, 0.2877,
0.3289

Harmonies

Analogous

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



32.0052, 0.3077, 0.2511



32.0052, 0.3698, 0.2836



32.0052, 0.4181, 0.3268

Triad

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



32.0052, 0.3698, 0.2836



32.0052, 0.3671, 0.4393



32.0052, 0.2045, 0.2668

Complementary

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



32.0052, 0.3698, 0.2836



55.2344, 0.2781, 0.3804

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.



32.0052, 0.2168, 0.3172



32.0052, 0.3698, 0.2836



32.0052, 0.3082, 0.4281

Square

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



32.0052, 0.3698, 0.2836



32.0052, 0.4140, 0.4156



32.0052, 0.2535, 0.3798



32.0052, 0.2169, 0.2393

Rectangle

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



32.0052, 0.3698, 0.2836



32.0052, 0.4329, 0.3581



32.0052, 0.2535, 0.3798



32.0052, 0.2058, 0.2812

Sweetspot

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



32.0067, 0.3698, 0.2836



80.9347, 0.3256, 0.3160



29.1822, 0.2810, 0.2190



16.9193, 0.3271, 0.3146



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.



32.0067, 0.3698, 0.2836



41.4414, 0.3870, 0.2748



32.3809, 0.4117, 0.3364



12.5087, 0.3224, 0.3190



9.1297, 0.5238, 0.2659



0.5671, 0.4802, 0.2419

Inverse Universe

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



32.0067, 0.3698, 0.2836



41.4414, 0.3870, 0.2748



54.0716, 0.2563, 0.3212



12.5087, 0.3224, 0.3190



9.1297, 0.5238, 0.2659



0.5671, 0.4802, 0.2419

Previews

White Background



This preview shows how the Yxy color 32.0052, 0.3698, 0.2836 looks on a white background.

Color Contrast Check

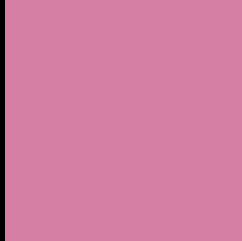
Large Text (above 18pt) WCAG AA × Fail

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 32.0052, 0.3698, 0.2836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

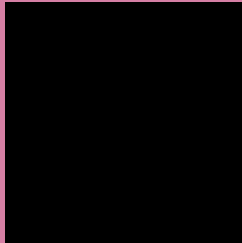
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0052, 0.3698, 0.2836

Background



This preview shows how black text looks on a background with the Yxy color 32.0052, 0.3698, 0.2836.



This preview shows how white text looks on a background with the Yxy color 32.0052, 0.3698, 0.2836.

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

32.0052, 0.3698, 0.2836

Protanopia

32.3737, 0.2844, 0.2891

Deuteranopia

32.1399, 0.3196, 0.3130



Tritanopia

32.0046, 0.3937, 0.3167

Trichromacy



Original Color

32.0052, 0.3698, 0.2836

Protanomaly

31.7732, 0.3126, 0.2869

Deuteranomaly

31.6902, 0.3375, 0.3014

Tritanomaly

32.1322, 0.3856, 0.3055

Monochromacy



Original Color

32.0052, 0.3698, 0.2836

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.4429, 0.3314, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0052, 0.3698, 0.2836 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(213, 127, 164)` looks like.

```
.text, #text, p{  
    color:rgb(213, 127, 164)  
}
```

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(213, 127, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 127, 164) }
```

Border

The CSS property to change the border of an element to Yxy 32.0052, 0.3698, 0.2836 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(213, 127, 164) }
```

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

```
.border{ border-color:rgb(213, 127, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 127, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 127, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 127, 164); box-shadow:4px 4px 4px 4px rgb(213, 127, 164) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0052, 0.3698, 0.2836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 127, 164) }
```

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

```
.background{ background-color: rgb(213,  
127, 164) }
```

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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