

Converting Colors

$Y_{xy}(32.0597, 0.3855, 0.2998)$

Have a look what the booklet for
Yxy(32.0597, 0.3855, 0.2998)
contains.

Yxy(32.0015, 0.3849, 0.2995)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.0015, 0.3849, 0.2995)

Conversions

Conversions Part 1

Format	Color
Hex	D68098
RGB	214, 128, 152
RGB Percent	84%, 50%, 60%
CMY	0.1607, 0.4981, 0.4039
CMYK	0.00, 0.40, 0.29, 0.16
HSL	343°, 51%, 67%
HSV	343°, 40%, 84%
XYZ	41.1265, 32.0015, 33.7218
YIQ	156.4500, 43.5520, 25.6960

Conversions

Conversions Part 2

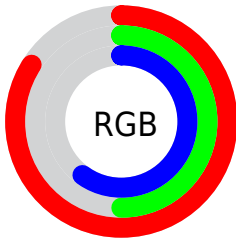
Format	Color
RYB	214, 128, 152
Decimal	14057624
CIELab	63.34, 36.18, 1.48
CIELCh	63, 36.209, 2.350
Yxy	32.0015, 0.3849, 0.2995
Android (android.graphics.Color)	4292247704 (0xFFD68098)
YUV	156.4500, -2.1938, 50.4714
Hunter-Lab	56.5699, 30.7728, 4.2556

Details

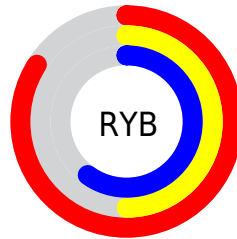
The Yxy color **32.0015, 0.3849, 0.2995** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **56.4159, 0.2708, 0.3615**, and the grayscale version is **33.4533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.1721, 0.3554, 0.3043**, and **13.4154, 0.4090, 0.2902** is the 20% darker color. If you saturate the color by 10%, you get **26.5239, 0.4131, 0.2927**, and if you desaturate by 10%, it is **38.7255, 0.3612, 0.3070**.

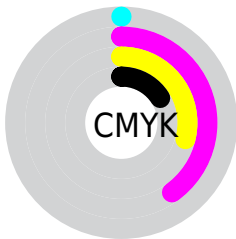
Distribution



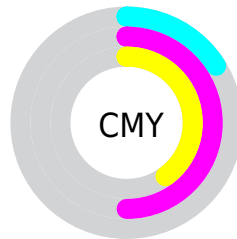
- Red (84%)
- Green (50%)
- Blue (60%)



- Red (84%)
- Yellow (50%)
- Blue (60%)



- Cyan (0%)
- Magenta (40%)
- Yellow (29%)
- Black (16%)





- Cyan (16%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0015, 0.3849, 0.2995 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 32.0015, 0.3849, 0.2995 by changing the saturation by 10% instead.


 32.0015, 0.3849,
0.2995


 32.0015, 0.3849,
0.2995


311.1261, 0.3465,
0.3153

 21.3626, 0.3953,
0.2952


 62.8134, 0.3704,
0.3055

 13.3893, 0.4090,
0.2894


 83.7553, 0.3651,
0.3077

 7.6972, 0.4283,
0.2813


 108.9003, 0.3607,
0.3095

 3.9018, 0.4568,
0.2691

138.6328, 0.3570,
0.3110

 1.6188, 0.5032,
0.2489

173.3373, 0.3538,
0.3123

 0.3702, 0.6600,
0.1880

213.3981, 0.3511,

 0.0000, 1.0000,

0.3135

0.0000

259.1995, 0.3487,
0.3145

0.0000, 0.0000,
0.0000

32.0015, 0.3849,
0.2995

32.0015, 0.3849,
0.2995

26.5239, 0.4131,
0.2927

38.7255, 0.3612,
0.3070

22.2108, 0.4459,
0.2874

46.7616, 0.3418,
0.3146

18.9778, 0.4823,
0.2847

56.1768, 0.3259,
0.3220

16.7271, 0.5200,
0.2858

67.0318, 0.3130,
0.3289

15.3428, 0.5558,
0.2913

79.3839, 0.3024,
0.3353

■ 14.6251, 0.5858,
0.3001

■ 92.3876, 0.2938,
0.3397

■ 93.0412, 0.2883,
0.3289

Harmonies

Analogous

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



32.0015, 0.3286, 0.2642



32.0015, 0.3849, 0.2995



32.0015, 0.4212, 0.3427

Triad

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



32.0015, 0.3849, 0.2995



32.0015, 0.3458, 0.4334



32.0015, 0.2114, 0.2587

Complementary

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



32.0015, 0.3849, 0.2995



56.4159, 0.2708, 0.3615

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.



32.0015, 0.2150, 0.2996



32.0015, 0.3849, 0.2995



32.0015, 0.2896, 0.4095

Square

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



32.0015, 0.3849, 0.2995



32.0015, 0.3956, 0.4217



32.0015, 0.2423, 0.3566



32.0015, 0.2312, 0.2401

Rectangle

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



32.0015, 0.3849, 0.2995



32.0015, 0.4272, 0.3725



32.0015, 0.2423, 0.3566



32.0015, 0.2099, 0.2699

Sweetspot

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



32.0031, 0.3849, 0.2995



80.6667, 0.3287, 0.3206



31.1936, 0.2935, 0.2233



16.8564, 0.3307, 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.



32.0031, 0.3849, 0.2995



40.7078, 0.4079, 0.2938



36.6114, 0.4044, 0.3524



12.4772, 0.3248, 0.3225



8.8521, 0.5820, 0.2980



0.5480, 0.5320, 0.2705

Inverse Universe

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



32.0031, 0.3849, 0.2995



40.7078, 0.4079, 0.2938



48.6498, 0.2537, 0.3037



12.4772, 0.3248, 0.3225



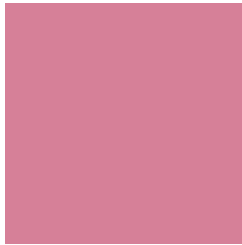
8.8521, 0.5820, 0.2980



0.5480, 0.5320, 0.2705

Previews

White Background



This preview shows how the Yxy color 32.0015, 0.3849, 0.2995 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 32.0015, 0.3849, 0.2995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

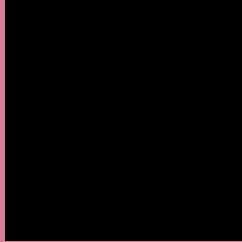
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0015, 0.3849, 0.2995

Background



This preview shows how black text looks on a background with the Yxy color 32.0015, 0.3849, 0.2995.



This preview shows how white text looks on a background with the Yxy color 32.0015, 0.3849, 0.2995.

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

32.0015, 0.3849, 0.2995

Protanopia

32.3448, 0.3001, 0.3081

Deuteranopia

32.2909, 0.3366, 0.3305



Tritanopia

32.0048, 0.3975, 0.3168

Trichromacy



Original Color

32.0015, 0.3849, 0.2995

Protanomaly

31.6691, 0.3275, 0.3035

Deuteranomaly

31.7845, 0.3547, 0.3181

Tritanomaly

31.8603, 0.3930, 0.3105

Monochromacy



Original Color

32.0015, 0.3849, 0.2995

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.2714, 0.3364, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0015, 0.3849, 0.2995 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(214, 128, 152)` looks like.

```
.text, #text, p{  
    color:rgb(214, 128, 152)  
}
```

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(214, 128, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 128, 152) }
```

Border

The CSS property to change the border of an element to Yxy 32.0015, 0.3849, 0.2995 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(214, 128, 152) }
```

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

```
.border{ border-color:rgb(214, 128, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 128, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 128, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 128, 152);  
box-shadow:4px 4px 4px 4px rgb(214, 128,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0015, 0.3849, 0.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 128, 152) }
```

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

```
.background{ background-color: rgb(214,  
128, 152) }
```

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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