

Converting Colors

$Y_{xy}(32.3720, 0.3902, 0.2864)$

Have a look what the booklet for
Yxy(32.3720, 0.3902, 0.2864)
contains.

Yxy(32.4298, 0.3903, 0.2859)	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(32.4298, 0.3903, 0.2859)

Conversions

Conversions Part 1

Format	Color
Hex	E17A9F
RGB	225, 122, 159
RGB Percent	88%, 48%, 62%
CMY	0.1176, 0.5216, 0.3765
CMYK	0.00, 0.46, 0.29, 0.12
HSL	338°, 63%, 68%
HSV	338°, 46%, 88%
XYZ	44.2720, 32.4298, 36.7288
YIQ	157.0150, 49.5110, 33.3430

Conversions

Conversions Part 2

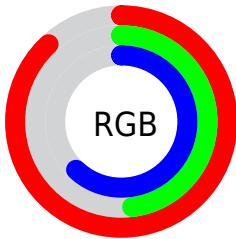
Format	Color
R_{YB}	225, 122, 159
Decimal	14776991
CIE Lab	63.70, 44.07, -1.82
CIE LCh	64, 44.103, 357.641
Yxy	32.4298, 0.3903, 0.2859
Android (android.graphics.Color)	4292967071 (0xFFE17A9F)
YUV	157.0150, 0.9786, 59.6228
Hunter-Lab	56.9472, 39.1122, 1.6232

Details

The Yxy color **32.4298, 0.3903, 0.2859** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **61.6256, 0.2704, 0.3785**, and the grayscale version is **33.7035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.5593, 0.3494, 0.2911**, and **13.6785, 0.4147, 0.2723** is the 20% darker color. If you saturate the color by 10%, you get **27.0592, 0.4173, 0.2778**, and if you desaturate by 10%, it is **39.1410, 0.3673, 0.2953**.

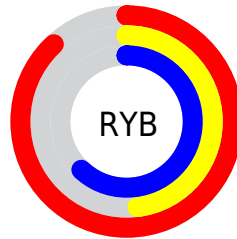
Distribution



Red (88%)

Green (48%)

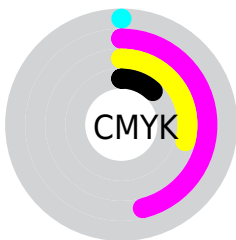
Blue (62%)



Red (88%)

Yellow (48%)

Blue (62%)

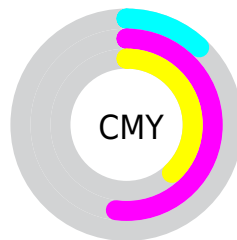


Cyan (0%)

Magenta (46%)

Yellow (29%)

Black (12%)



Cyan (12%)


Magenta (52%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.4298, 0.3903, 0.2859 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 32.4298, 0.3903, 0.2859 by changing the saturation by 10% instead.


 32.4298, 0.3903,
0.2859


 32.4298, 0.3903,
0.2859


313.0725, 0.3494,
0.3084

 21.6900, 0.4012,
0.2800


 63.4843, 0.3749,
0.2943

 13.6293, 0.4156,
0.2721


 84.5677, 0.3693,
0.2974

 7.8633, 0.4355,
0.2614


 109.8679, 0.3646,
0.3000

 4.0076, 0.4646,
0.2458

139.7691, 0.3607,
0.3022

 1.6778, 0.5111,
0.2214

174.6558, 0.3572,
0.3041

 0.4092, 0.6242,
0.1566

214.9123, 0.3543,

 0.0000, 1.0000,

0.3057

0.0000

260.9231, 0.3517,
0.3072

■ 0.0000, 0.0000,
0.0000

■ 32.4298, 0.3903,
0.2859

■ 32.4298, 0.3903,
0.2859

■ 27.0592, 0.4173,
0.2778

■ 39.1410, 0.3673,
0.2953

■ 22.9329, 0.4478,
0.2720

■ 47.2710, 0.3480,
0.3050

■ 19.9493, 0.4808,
0.2699


■ 56.8973, 0.3321,
0.3147


■ 17.9883, 0.5141,
0.2725

■ 68.0907, 0.3191,
0.3239

■ 16.9023, 0.5451,
0.2803

■ 80.9173, 0.3085,
0.3326

 16.6011, 0.5573,
0.2844

 94.1534, 0.2998,
0.3386

 94.7495, 0.2946,
0.3289

Harmonies

Analogous

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



32.4298, 0.3199, 0.2471



32.4298, 0.3903, 0.2859



32.4298, 0.4400, 0.3351

Triad

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



32.4298, 0.3903, 0.2859



32.4298, 0.3610, 0.4567



32.4298, 0.1917, 0.2498

Complementary

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



32.4298, 0.3903, 0.2859



61.6256, 0.2704, 0.3785

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.



32.4298, 0.1997, 0.3019



32.4298, 0.3903, 0.2859



32.4298, 0.2939, 0.4363

Square

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



32.4298, 0.3903, 0.2859



32.4298, 0.4186, 0.4335



32.4298, 0.2353, 0.3737



32.4298, 0.2105, 0.2250

Rectangle

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



32.4298, 0.3903, 0.2859



32.4298, 0.4511, 0.3700



32.4298, 0.2353, 0.3737



32.4298, 0.1914, 0.2641

Sweetspot

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



32.4314, 0.3903, 0.2859



77.9130, 0.3298, 0.3163



29.9505, 0.2817, 0.2053



16.0286, 0.3328, 0.3142



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.



32.4314, 0.3903, 0.2859



36.1860, 0.4161, 0.2781



34.9478, 0.4284, 0.3455



13.7815, 0.3236, 0.3206



9.5855, 0.5532, 0.2821



0.6811, 0.5106, 0.2586

Inverse Universe

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



32.4314, 0.3903, 0.2859



36.1860, 0.4161, 0.2781



56.3007, 0.2485, 0.3110



13.7815, 0.3236, 0.3206



9.5855, 0.5532, 0.2821



0.6811, 0.5106, 0.2586

Previews

White Background



This preview shows how the Yxy color 32.4298, 0.3903, 0.2859 looks on a white background.

Color Contrast Check

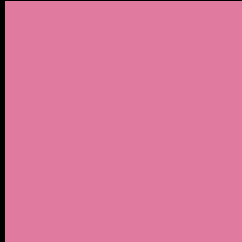
Large Text (above 18pt) WCAG AA × Fail

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 32.4298, 0.3903, 0.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

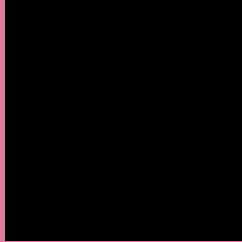
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4298, 0.3903, 0.2859

Background



This preview shows how black text looks on a background with the Yxy color 32.4298, 0.3903, 0.2859.



This preview shows how white text looks on a background with the Yxy color 32.4298, 0.3903, 0.2859.

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

32.4298, 0.3903, 0.2859

Protanopia

32.8096, 0.2879, 0.2936

Deuteranopia

32.6918, 0.3294, 0.3233



Tritanopia

32.3873, 0.4149, 0.3174

Trichromacy



Original Color

32.4298, 0.3903, 0.2859

Protanomaly

31.6334, 0.3208, 0.2887

Deuteranomaly

32.1036, 0.3506, 0.3074

Tritanomaly

32.5281, 0.4066, 0.3068

Monochromacy



Original Color

32.4298, 0.3903, 0.2859

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.3602, 0.3390, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4298, 0.3903, 0.2859 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(225, 122, 159)` looks like.

```
.text, #text, p{  
    color:rgb(225, 122, 159)  
}
```

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(225, 122, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 122, 159) }
```

Border

The CSS property to change the border of an element to Yxy 32.4298, 0.3903, 0.2859 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(225, 122, 159) }
```

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

```
.border{ border-color:rgb(225, 122, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 122, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 122, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 122, 159);  
box-shadow:4px 4px 4px 4px rgb(225, 122,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4298, 0.3903, 0.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 122, 159) }
```

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

```
.background{ background-color: rgb(225,  
122, 159) }
```

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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