

Converting Colors

$Y_{xy}(14.4816, 0.4408, 0.2327)$

Have a look what the booklet for
Yxy(14.4816, 0.4408, 0.2327)
contains.

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Color

Yxy(14.4940, 0.4401, 0.2324)

Conversions

Conversions Part 1

Format	Color
Hex	C6207C
RGB	198, 32, 124
RGB Percent	78%, 13%, 49%
CMY	0.2235, 0.8747, 0.5137
CMYK	0.00, 0.84, 0.37, 0.22
HSL	327°, 72%, 45%
HSV	327°, 84%, 78%
XYZ	27.4475, 14.4940, 20.4251
YIQ	92.1220, 69.4040, 63.8040

Conversions

Conversions Part 2

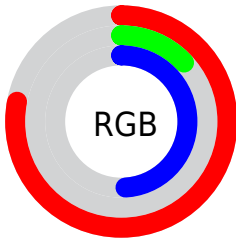
Format	Color
R_{YB}	198, 32, 124
Decimal	12984444
CIE _{Lab}	44.93, 67.85, -9.43
CIE _{LCh}	45, 68.499, 352.086
Yxy	14.4940, 0.4401, 0.2324
Android (android.graphics.Color)	4291174524 (0xFFC6207C)
YUV	92.1220, 15.7159, 92.8550
Hunter-Lab	38.0710, 62.0666, -5.1594

Details

The Yxy color **14.4940, 0.4401, 0.2324** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **41.7425, 0.2733, 0.4877**, and the grayscale version is **10.6793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1300, 0.4073, 0.2525**, and **5.9970, 0.4748, 0.2389** is the 20% darker color. If you saturate the color by 10%, you get **13.5172, 0.4611, 0.2349**, and if you desaturate by 10%, it is **16.1322, 0.4189, 0.2352**.

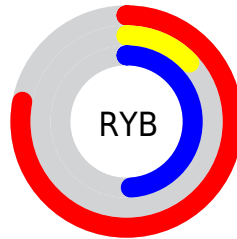
Distribution



Red (78%)

Green (13%)

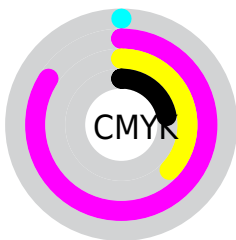
Blue (49%)



Red (78%)

Yellow (13%)

Blue (49%)

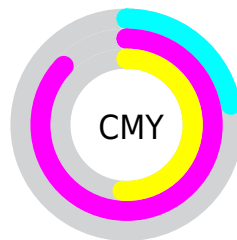


Cyan (0%)

Magenta (84%)

Yellow (37%)

Black (22%)



Cyan (22%)

Magenta (87%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4940, 0.4401, 0.2324 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 14.4940, 0.4401, 0.2324 by changing the saturation by 10% instead.


 14.4940, 0.4401,
0.2324


 14.4940, 0.4401,
0.2324


220.2827, 0.3666,
0.2864

 8.4650, 0.4624,
0.2169


 33.9630, 0.4106,
0.2535


 4.3939, 0.4938,
0.1957


 48.1719, 0.4004,
0.2610


 1.8963, 0.5406,
0.1656

 65.8762, 0.3921,
0.2671

 0.5461, 0.6214,
0.1130

 87.4603, 0.3853,
0.2722

 0.0000, 0.9596,
0.0000

 113.3086, 0.3795,
0.2766

 0.0000, 1.0000,
0.0000

 143.8055, 0.3746,

 0.0000, 0.0000,

0.2803

0.0000

179.3354, 0.3703,
0.2836

■ 14.4940, 0.4401,
0.2324

■ 14.4940, 0.4401,
0.2324

■ 13.5172, 0.4611,
0.2349

■ 16.1322, 0.4189,
0.2352

■ 13.1290, 0.4739,
0.2384

■ 18.5299, 0.3984,
0.2425

■ 21.7712, 0.3795,
0.2534

■ 25.9282, 0.3626,
0.2665

■ 31.0654, 0.3479,
0.2808

■ 37.2413, 0.3353,
0.2955

■ 44.5097, 0.3246,
0.3100

■ 52.9210, 0.3157,
0.3239

■ 62.5221, 0.3083,
0.3369

Harmonies

Analogous

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



14.4940, 0.2945, 0.1767



14.4940, 0.4401, 0.2324



14.4940, 0.5534, 0.3042

Triad

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



14.4940, 0.4401, 0.2324



14.4940, 0.3951, 0.5666



14.4940, 0.1053, 0.1871

Complementary

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



14.4940, 0.4401, 0.2324



41.7425, 0.2733, 0.4877

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.



14.4940, 0.1179, 0.2844



14.4940, 0.4401, 0.2324



14.4940, 0.2784, 0.5846

Square

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



14.4940, 0.4401, 0.2324



14.4940, 0.5024, 0.4755



14.4940, 0.1756, 0.4527



14.4940, 0.1270, 0.1491

Rectangle

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



14.4940, 0.4401, 0.2324



14.4940, 0.5750, 0.3558



14.4940, 0.1756, 0.4527



14.4940, 0.1054, 0.2114

Sweetspot

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



14.4948, 0.4401, 0.2324



64.1542, 0.3371, 0.2933



8.0473, 0.2088, 0.1024



12.8727, 0.3414, 0.2880



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.



14.4948, 0.4401, 0.2324



23.1939, 0.4767, 0.2400



13.2138, 0.5911, 0.3221



10.7337, 0.3205, 0.3163



8.5539, 0.4712, 0.2370



0.4195, 0.4316, 0.2151

Inverse Universe

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



14.4948, 0.4401, 0.2324



23.1939, 0.4767, 0.2400



44.2883, 0.2325, 0.3460



10.7337, 0.3205, 0.3163



8.5539, 0.4712, 0.2370



0.4195, 0.4316, 0.2151

Previews

White Background



This preview shows how the Yxy color 14.4940, 0.4401, 0.2324 looks on a white 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 × Fail

Black Background



This preview shows how the Yxy color 14.4940, 0.4401, 0.2324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

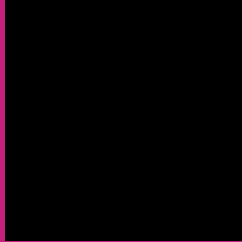
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4940, 0.4401, 0.2324

Background



This preview shows how black text looks on a background with the Yxy color 14.4940, 0.4401, 0.2324.



This preview shows how white text looks on a background with the Yxy color 14.4940, 0.4401, 0.2324.

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

14.4940, 0.4401, 0.2324

Protanopia

14.8373, 0.2228, 0.2082

Deuteranopia

14.7390, 0.3111, 0.3048



Tritanopia

14.6032, 0.5481, 0.3277

Trichromacy



Original Color

14.4940, 0.4401, 0.2324

Protanomaly

12.0670, 0.2768, 0.1980

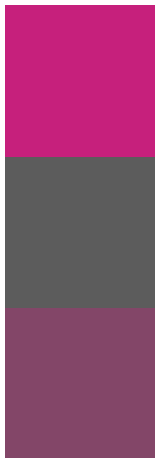
Deuteranomaly

12.8004, 0.3581, 0.2585

Tritanomaly

14.2443, 0.5143, 0.2925

Monochromacy



Original Color

14.4940, 0.4401, 0.2324

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.2051, 0.3642, 0.2645

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4940, 0.4401, 0.2324 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(198, 32, 124)` looks like.

```
.text, #text, p{  
    color:rgb(198, 32, 124)  
}
```

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(198, 32, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 32, 124) }
```

Border

The CSS property to change the border of an element to Yxy 14.4940, 0.4401, 0.2324 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(198, 32, 124) }
```

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

```
.border{ border-color:rgb(198, 32, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 32, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 32, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 32, 124);  
box-shadow:4px 4px 4px 4px rgb(198, 32,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4940, 0.4401, 0.2324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 32, 124) }
```

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

```
.background{ background-color: rgb(198, 32,  
124) }
```

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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