

Converting Colors

$Y_{xy}(14.7690, 0.4172, 0.2304)$

Have a look what the booklet for
Yxy(14.7690, 0.4172, 0.2304)
contains.

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Color

Yxy(14.7722, 0.4174, 0.2305)

Conversions

Conversions Part 1

Format	Color
Hex	C02E82
RGB	192, 46, 130
RGB Percent	75%, 18%, 51%
CMY	0.2470, 0.8198, 0.4901
CMYK	0.00, 0.76, 0.32, 0.25
HSL	325°, 61%, 47%
HSV	325°, 76%, 75%
XYZ	26.7502, 14.7722, 22.5653
YIQ	99.2300, 60.0520, 57.0760

Conversions

Conversions Part 2

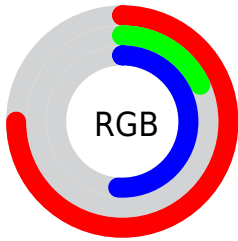
Format	Color
R_{YB}	192, 46, 130
Decimal	12594818
CIE _{Lab}	45.32, 63.35, -12.63
CIE _{LCh}	45, 64.601, 348.725
Yxy	14.7722, 0.4174, 0.2305
Android (android.graphics.Color)	4290784898 (0xFFC02E82)
YUV	99.2300, 15.1696, 81.3593
Hunter-Lab	38.4346, 56.9739, -7.9054

Details

The Yxy color **14.7722, 0.4174, 0.2305** 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 **39.3730, 0.2745, 0.4764**, and the grayscale version is **12.4843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.4224, 0.3934, 0.2515**, and **5.6624, 0.4480, 0.2242** is the 20% darker color. If you saturate the color by 10%, you get **13.3845, 0.4373, 0.2283**, and if you desaturate by 10%, it is **16.8492, 0.3980, 0.2374**.

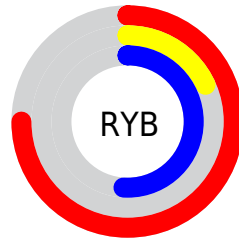
Distribution



Red (75%)

Green (18%)

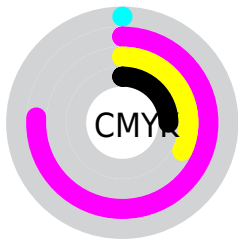
Blue (51%)



Red (75%)

Yellow (18%)

Blue (51%)

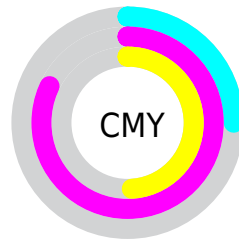


Cyan (0%)

Magenta (76%)

Yellow (32%)

Black (25%)



Cyan (25%)

Magenta (82%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7722, 0.4174, 0.2305 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 14.7722, 0.4174, 0.2305 by changing the saturation by 10% instead.


 14.7722, 0.4174,
0.2305


 14.7722, 0.4174,
0.2305


221.9832, 0.3576,
0.2849


 8.6597, 0.4353,
0.2151


 34.4531, 0.3936,
0.2516


 4.5199, 0.4603,
0.1944


 48.7902, 0.3853,
0.2591


 1.9684, 0.4975,
0.1650

 66.6376, 0.3786,
0.2653

 0.5890, 0.5608,
0.1161

 88.3797, 0.3730,
0.2705

 0.0000, 0.7708,
0.0000

 114.4010, 0.3682,
0.2749

 0.0000, 1.0000,
0.0000

 145.0857, 0.3642,

 0.0000, 0.0000,

0.2787

0.0000

180.8183, 0.3607,
0.2820

■ 14.7722, 0.4174,
0.2305

■ 14.7722, 0.4174,
0.2305

■ 13.3845, 0.4373,
0.2283

■ 16.8492, 0.3980,
0.2374

■ 12.5822, 0.4569,
0.2314

■ 19.6930, 0.3799,
0.2481

■ 12.3466, 0.4646,
0.2333

■ 23.3730, 0.3635,
0.2612

■ 27.9503, 0.3491,
0.2758

■ 33.4802, 0.3367,
0.2910

■ 40.0136, 0.3262,
0.3060

■ 47.5975, 0.3174,
0.3206

■ 56.2763, 0.3100,
0.3343

■ 66.0914, 0.3038,
0.3471

Harmonies

Analogous

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



14.7722, 0.2823, 0.1791



14.7722, 0.4174, 0.2305



14.7722, 0.5314, 0.2993

Triad

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



14.7722, 0.4174, 0.2305



14.7722, 0.4075, 0.5479



14.7722, 0.1134, 0.2023

Complementary

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



14.7722, 0.4174, 0.2305



39.3730, 0.2745, 0.4764

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.



14.7722, 0.1309, 0.3035



14.7722, 0.4174, 0.2305



14.7722, 0.2957, 0.5719

Square

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



14.7722, 0.4174, 0.2305



14.7722, 0.5054, 0.4622



14.7722, 0.1933, 0.4627



14.7722, 0.1308, 0.1594

Rectangle

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



14.7722, 0.4174, 0.2305



14.7722, 0.5608, 0.3495



14.7722, 0.1933, 0.4627



14.7722, 0.1151, 0.2283

Sweetspot

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



14.7730, 0.4174, 0.2305



63.6543, 0.3337, 0.2951



8.8727, 0.2172, 0.1165



12.7904, 0.3378, 0.2895



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.7730, 0.4174, 0.2305



23.2099, 0.4499, 0.2297



13.4678, 0.5548, 0.3181



10.1729, 0.3201, 0.3158



8.3213, 0.4623, 0.2320



0.3731, 0.4226, 0.2102

Inverse Universe

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



14.7730, 0.4174, 0.2305



23.2099, 0.4499, 0.2297



41.5802, 0.2362, 0.3482



10.1729, 0.3201, 0.3158



8.3213, 0.4623, 0.2320



0.3731, 0.4226, 0.2102

Previews

White Background



This preview shows how the Yxy color 14.7722, 0.4174, 0.2305 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 14.7722, 0.4174, 0.2305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

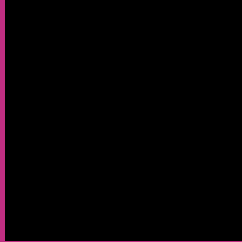
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.7722, 0.4174, 0.2305

Background



This preview shows how black text looks on a background with the Yxy color 14.7722, 0.4174, 0.2305.



This preview shows how white text looks on a background with the Yxy color 14.7722, 0.4174, 0.2305.

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

14.7722, 0.4174, 0.2305

Protanopia

15.1256, 0.2233, 0.2089

Deuteranopia

14.9530, 0.3008, 0.2950



Tritanopia

14.8893, 0.5185, 0.3261

Trichromacy



Original Color

14.7722, 0.4174, 0.2305

Protanomaly

12.9859, 0.2727, 0.2032

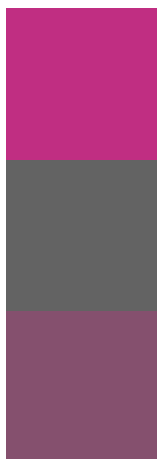
Deuteranomaly

13.4840, 0.3407, 0.2573

Tritanomaly

14.6003, 0.4837, 0.2896

Monochromacy



Original Color

14.7722, 0.4174, 0.2305

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

11.8497, 0.3535, 0.2728

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7722, 0.4174, 0.2305 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(192, 46, 130)` looks like.

```
.text, #text, p{  
    color:rgb(192, 46, 130)  
}
```

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(192, 46, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 46, 130) }
```

Border

The CSS property to change the border of an element to Yxy 14.7722, 0.4174, 0.2305 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(192, 46, 130) }
```

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

```
.border{ border-color:rgb(192, 46, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 46, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 46, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 46, 130);  
box-shadow:4px 4px 4px 4px rgb(192, 46,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7722, 0.4174, 0.2305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 46, 130) }
```

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

```
.background{ background-color: rgb(192, 46,  
130) }
```

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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