

Converting Colors

$Y_{xy}(24.1974, 0.2992, 0.1912)$

Have a look what the booklet for
Yxy(24.1974, 0.2992, 0.1912)
contains.

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Color

Yxy(24.2250, 0.2994, 0.1917)

Conversions

Conversions Part 1

Format	Color
Hex	C15FD3
RGB	193, 95, 211
RGB Percent	76%, 37%, 83%
CMY	0.2433, 0.6273, 0.1725
CMYK	0.09, 0.55, 0.00, 0.17
HSL	291°, 57%, 60%
HSV	291°, 55%, 83%
XYZ	37.8350, 24.2250, 64.3094
YIQ	137.5260, 21.1720, 56.8520

Conversions

Conversions Part 2

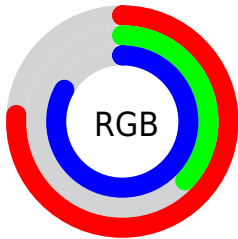
Format	Color
R _Y B	193, 95, 211
Decimal	12672979
CIE Lab	56.31, 56.12, -43.13
CIE LCh	56, 70.775, 322.457
Yxy	24.2250, 0.2994, 0.1917
Android (android.graphics.Color)	4290863059 (0xFFC15FD3)
YUV	137.5260, 36.2227, 48.6507
Hunter-Lab	49.2189, 51.0814, -43.0150

Details

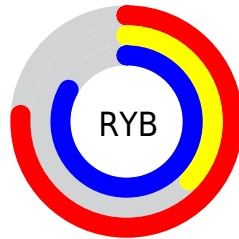
The Yxy color **24.2250, 0.2994, 0.1917** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **50.9306, 0.3152, 0.4989**, and the grayscale version is **25.0827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.4103, 0.3150, 0.2258**, and **9.2362, 0.2912, 0.1575** is the 20% darker color. If you saturate the color by 10%, you get **20.4979, 0.2957, 0.1714**, and if you desaturate by 10%, it is **28.9932, 0.3028, 0.2149**.

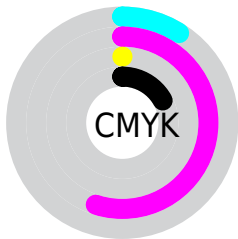
Distribution



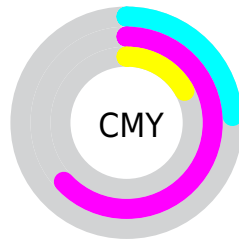
- Red (76%)
- Green (37%)
- Blue (83%)



- Red (76%)
- Yellow (37%)
- Blue (83%)



- Cyan (9%)
- Magenta (55%)
- Yellow (0%)
- Black (17%)




- Cyan (24%)
- Magenta (63%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.2250, 0.2994, 0.1917 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 24.2250, 0.2994, 0.1917 by changing the saturation by 10% instead.


 24.2250, 0.2994,
0.1917


 24.2250, 0.2994,
0.1917


273.9560, 0.3094,
0.2583


 15.5006, 0.2959,
0.1762


 50.3971, 0.3038,
0.2152

 9.1715, 0.2907,
0.1570


 68.6136, 0.3053,
0.2242

 4.8532, 0.2829,
0.1331


 90.7630, 0.3064,
0.2320

 2.1614, 0.2704,
0.1030

 117.2296, 0.3072,
0.2387

 0.6988, 0.2492,
0.0648

148.3978, 0.3080,
0.2445

 0.0000, 0.2144,
0.0000

184.6520, 0.3085,

 0.0000, 0.0000,

0.2496

0.0000

226.3766, 0.3090,
0.2542

■ 24.2250, 0.2994,
0.1917

■ 24.2250, 0.2994,
0.1917

■ 20.4979, 0.2957,
0.1714

■ 28.9932, 0.3028,
0.2149

■ 17.7233, 0.2917,
0.1549

■ 34.8750, 0.3057,
0.2400

■ 15.8035, 0.2877,
0.1429

■ 41.9401, 0.3083,
0.2659

■ 14.6177, 0.2836,
0.1352

■ 50.2518, 0.3103,
0.2918

■ 14.1897, 0.2815,
0.1325

■ 59.8685, 0.3120,
0.3170

■ 70.8452, 0.3133,
0.3409

■ 83.2335, 0.3143,
0.3632

■ 91.3169, 0.3156,
0.3753

■ 91.8317, 0.3177,
0.3750

Harmonies

Analogous

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



24.2250, 0.2007, 0.1645



24.2250, 0.2994, 0.1917



24.2250, 0.4264, 0.2440

Triad

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



24.2250, 0.2994, 0.1917



24.2250, 0.4876, 0.4697



24.2250, 0.1367, 0.2915

Complementary

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



24.2250, 0.2994, 0.1917



50.9306, 0.3152, 0.4989

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.



24.2250, 0.1918, 0.4338



24.2250, 0.2994, 0.1917



24.2250, 0.3933, 0.5432

Square

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



24.2250, 0.2994, 0.1917



24.2250, 0.5428, 0.3871



24.2250, 0.2865, 0.5468



24.2250, 0.1234, 0.2029

Rectangle

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



24.2250, 0.2994, 0.1917



24.2250, 0.4996, 0.2883



24.2250, 0.2865, 0.5468



24.2250, 0.1500, 0.3347

Sweetspot

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



24.2260, 0.2994, 0.1917



75.4907, 0.3101, 0.2887



19.2539, 0.2127, 0.1817



15.5658, 0.3097, 0.2833



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.



24.2260, 0.2994, 0.1917



30.6169, 0.2950, 0.1682



25.0310, 0.3644, 0.2373



11.9121, 0.3113, 0.3059



8.6001, 0.2821, 0.1328



0.5066, 0.2897, 0.1369

Inverse Universe

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



23.2330, 0.4495, 0.3077



29.2174, 0.4982, 0.3058



50.7357, 0.2844, 0.4468



11.8378, 0.3266, 0.3254



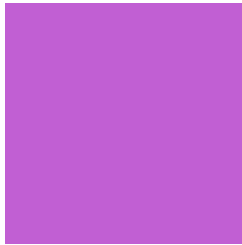
8.4332, 0.6169, 0.3172



0.4812, 0.5712, 0.2920

Previews

White Background



This preview shows how the Yxy color 24.2250, 0.2994, 0.1917 looks on a white background.

Color Contrast Check

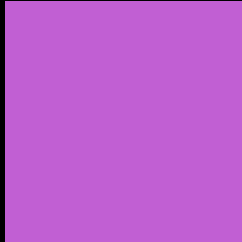
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 24.2250, 0.2994, 0.1917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

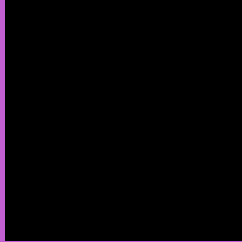
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2250, 0.2994, 0.1917

Background



This preview shows how black text looks on a background with the Yxy color 24.2250, 0.2994, 0.1917.

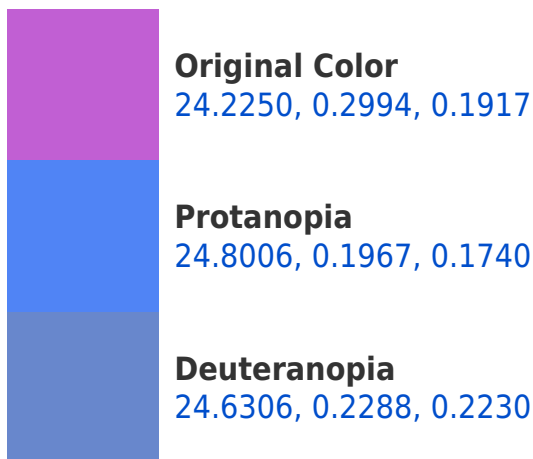


This preview shows how white text looks on a background with the Yxy color 24.2250, 0.2994, 0.1917.

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





Tritanopia

24.1740, 0.3848, 0.3162

Trichromacy



Original Color

24.2250, 0.2994, 0.1917



Protanomaly

23.1418, 0.2205, 0.1749



Deuteranomaly

23.1722, 0.2482, 0.2045



Tritanomaly

23.8107, 0.3517, 0.2633

Monochromacy



Original Color

24.2250, 0.2994, 0.1917



Achromatopsia

25.4152, 0.3127, 0.3290



Achromatomaly

23.9048, 0.3078, 0.2641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2250, 0.2994, 0.1917 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(193, 95, 211)` looks like.

```
.text, #text, p{  
    color:rgb(193, 95, 211)  
}
```

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(193, 95, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 95, 211) }
```

Border

The CSS property to change the border of an element to Yxy 24.2250, 0.2994, 0.1917 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(193, 95, 211) }
```

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

```
.border{ border-color:rgb(193, 95, 211) }
```

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

Here you see how a box with a 4 pixel rgb(193, 95, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 95, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 95, 211);  
box-shadow:4px 4px 4px 4px rgb(193, 95,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2250, 0.2994, 0.1917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 95, 211) }
```

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

```
.background{ background-color: rgb(193, 95,  
211) }
```

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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