

Converting Colors

$Y_{xy}(24.9070, 0.2903, 0.1503)$

Have a look what the booklet for
Yxy(24.9070, 0.2903, 0.1503)
contains.

Yxy(24.9461, 0.2905, 0.1504)	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(24.9461, 0.2905, 0.1504)

Conversions

Conversions Part 1

Format	Color
Hex	DC38FA
RGB	220, 56, 250
RGB Percent	86%, 22%, 98%
CMY	0.1373, 0.7803, 0.0195
CMYK	0.12, 0.78, 0.00, 0.02
HSL	291°, 95%, 60%
HSV	291°, 78%, 98%
XYZ	48.1838, 24.9461, 92.7351
YIQ	127.1520, 35.4700, 95.1020

Conversions

Conversions Part 2

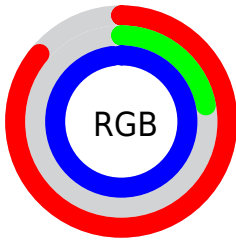
Format	Color
R _{YB}	220, 56, 250
Decimal	14432506
CIE Lab	57.02, 83.93, -63.68
CIE LCh	57, 105.349, 322.811
Yxy	24.9461, 0.2905, 0.1504
Android (android.graphics.Color)	4292622586 (0xFFDC38FA)
YUV	127.1520, 60.5641, 81.4277
Hunter-Lab	49.9461, 84.7962, -75.1218

Details

The Yxy color **24.9461, 0.2905, 0.1504** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **70.6511, 0.3106, 0.5664**, and the grayscale version is **21.0606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.1547, 0.3186, 0.2031**, and **11.2794, 0.2790, 0.1310** is the 20% darker color. If you saturate the color by 10%, you get **22.5009, 0.2864, 0.1398**, and if you desaturate by 10%, it is **28.6159, 0.2945, 0.1656**.

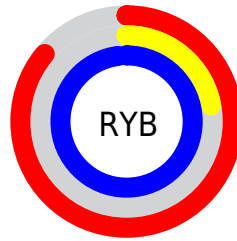
Distribution



Red (86%)

Green (22%)

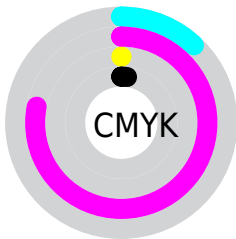
Blue (98%)



Red (86%)

Yellow (22%)

Blue (98%)

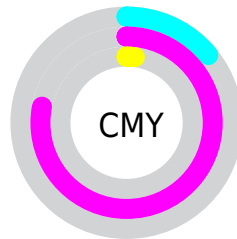


Cyan (12%)

Magenta (78%)

Yellow (0%)

Black (2%)



Cyan (14%)


Magenta (78%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9461, 0.2905, 0.1504 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 24.9461, 0.2905, 0.1504 by changing the saturation by 10% instead.


 24.9461, 0.2905,
0.1504


 24.9461, 0.2905,
0.1504


277.5694, 0.3070,
0.2303


 16.0369, 0.2851,
0.1338


 51.5698, 0.2975,
0.1770


 9.5503, 0.2777,
0.1143


 70.0530, 0.2999,
0.1877

 5.1018, 0.2672,
0.0917


 92.4964, 0.3018,
0.1971

 2.3071, 0.2517,
0.0659

 119.2844, 0.3033,
0.2053

 0.7775, 0.2281,
0.0380

 150.8012, 0.3045,
0.2126

 0.0000, 0.1937,
0.0000

187.4314, 0.3055,

 0.0000, 0.1331,

0.2192

0.0000

229.5594, 0.3063,
0.2250

■ 0.0000, 0.0000,
0.0000

■ 24.9461, 0.2905,
0.1504

■ 24.9461, 0.2905,
0.1504

■ 22.5009, 0.2864,
0.1398

■ 28.6159, 0.2945,
0.1656

■ 21.0675, 0.2823,
0.1335

■ 33.6658, 0.2983,
0.1849

■ 20.7988, 0.2813,
0.1323

■ 40.2315, 0.3018,
0.2075

■ 48.4317, 0.3049,
0.2323

■ 58.3731, 0.3076,
0.2584

70.1534, 0.3098,
0.2846

83.8630, 0.3116,
0.3103

98.9239, 0.3131,
0.3338

99.6499, 0.3155,
0.3338

Harmonies

Analogous

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



24.9461, 0.1627, 0.1187



24.9461, 0.2905, 0.1504



24.9461, 0.4765, 0.2121

Triad

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



24.9461, 0.2905, 0.1504



24.9461, 0.5181, 0.4819



24.9461, 0.0818, 0.2602

Complementary

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



24.9461, 0.2905, 0.1504



70.6511, 0.3106, 0.5664

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.



24.9461, 0.1372, 0.4844



24.9461, 0.2905, 0.1504



24.9461, 0.3843, 0.6136

Square

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



24.9461, 0.2905, 0.1504



24.9461, 0.6136, 0.3714



24.9461, 0.2489, 0.6639



24.9461, 0.0740, 0.1533

Rectangle

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



24.9461, 0.2905, 0.1504



24.9461, 0.5827, 0.2627



24.9461, 0.2489, 0.6639



24.9461, 0.0936, 0.3221

Sweetspot

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



24.9472, 0.2905, 0.1504



66.4363, 0.3087, 0.2704



14.7822, 0.1733, 0.1143



13.3007, 0.3078, 0.2609



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.



24.9472, 0.2905, 0.1504



22.5972, 0.2841, 0.1359



26.6758, 0.3973, 0.2135



17.3805, 0.3113, 0.3055



11.0818, 0.2820, 0.1327



1.0619, 0.2869, 0.1354

Inverse Universe

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



23.8308, 0.5485, 0.3074



21.9594, 0.6047, 0.3152



70.5985, 0.2816, 0.5064



17.2690, 0.3270, 0.3254



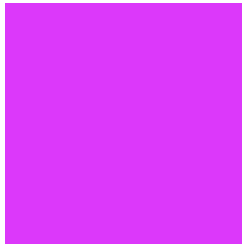
10.8703, 0.6186, 0.3182



1.0192, 0.5898, 0.3023

Previews

White Background



This preview shows how the Yxy color 24.9461, 0.2905, 0.1504 looks on a white background.

Color Contrast Check

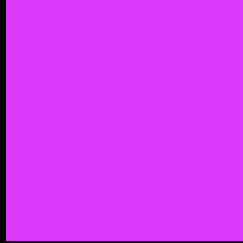
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9461, 0.2905, 0.1504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

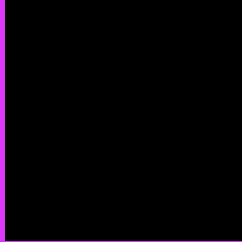
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9461, 0.2905, 0.1504

Background



This preview shows how black text looks on a background with the Yxy color 24.9461, 0.2905, 0.1504.



This preview shows how white text looks on a background with the Yxy color 24.9461, 0.2905, 0.1504.

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

24.9461, 0.2905, 0.1504

Protanopia

25.2971, 0.1903, 0.1662

Deuteranopia

25.4792, 0.1940, 0.1882



Tritanopia

24.6826, 0.4284, 0.3190

Trichromacy



Original Color

24.9461, 0.2905, 0.1504



Protanomaly

21.5550, 0.2107, 0.1454



Deuteranomaly

21.1300, 0.2112, 0.1548



Tritanomaly

23.4167, 0.3731, 0.2383

Monochromacy



Original Color

24.9461, 0.2905, 0.1504



Achromatopsia

21.2231, 0.3127, 0.3290



Achromatomaly

19.8630, 0.3041, 0.2254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9461, 0.2905, 0.1504 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(220, 56, 250)` looks like.

```
.text, #text, p{  
  color:rgb(220, 56, 250)  
}
```

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(220, 56, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 56, 250) }
```

Border

The CSS property to change the border of an element to Yxy 24.9461, 0.2905, 0.1504 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(220, 56, 250) }
```

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

```
.border{ border-color:rgb(220, 56, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 56, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 56, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 56, 250);  
box-shadow:4px 4px 4px 4px rgb(220, 56,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9461, 0.2905, 0.1504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 56, 250) }
```

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

```
.background{ background-color: rgb(220, 56,  
250) }
```

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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