

Converting Colors

YUV(118.9270, 51.8010,
92.1490)

Have a look what the booklet for
YUV(118.9270, 51.8010, 92.1490)
contains.

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Color

**YUV(118.9270, 51.8010,
92.1490)**

Conversions

Conversions Part 1

Format	Color
Hex	E02DE0
RGB	224, 45, 224
RGB Percent	88%, 18%, 88%
CMY	0.1216, 0.8235, 0.1216
CMYK	0.00, 0.80, 0.00, 0.12
HSL	300°, 74%, 53%
HSV	300°, 80%, 88%
XYZ	45.1334, 23.1059, 72.6021
YIQ	118.9270, 49.2250, 93.6170

Conversions

Conversions Part 2

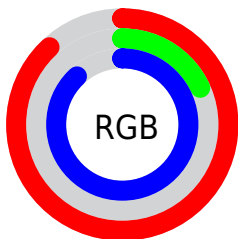
Format	Color
R_{YB}	224, 45, 224
Decimal	14691808
CIE _{Lab}	55.18, 83.27, -52.00
CIE _{LCh}	55, 98.170, 328.015
Yxy	23.1059, 0.3205, 0.1641
Android (android.graphics.Color)	4292881888 (0xFFE02DE0)
YUV	118.9270, 51.8010, 92.1490
Hunter-Lab	48.0686, 83.4804, -55.9028

Details

The YUV color **118.9270, 51.8010, 92.1490** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **150.0730, -51.8010, -92.1490**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.2330, 40.8041, 72.5867**, and **68.1880, 49.2073, 84.0271** is the 20% darker color. If you saturate the color by 10%, you get **106.0130, 58.1676, 103.4746**, and if you desaturate by 10%, it is **131.8410, 45.4344, 80.8234**.

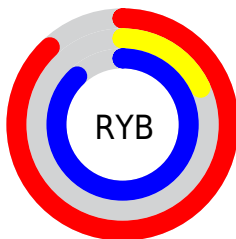
Distribution



Red (88%)

Green (18%)

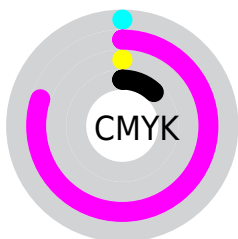
Blue (88%)



Red (88%)

Yellow (18%)

Blue (88%)

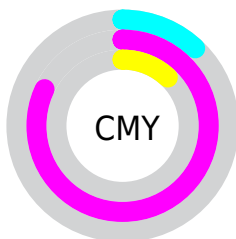


Cyan (0%)

Magenta (80%)

Yellow (0%)

Black (12%)



Cyan (12%)


Magenta (82%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.9270, 51.8010, 92.1490 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 YUV color 118.9270, 51.8010, 92.1490 by changing the saturation by 10% instead.


 118.9270, 51.8010,
92.1490


 118.9270, 51.8010,
92.1490


255.0000, 0.0000,
0.0000


 80.3500, 57.0155,
99.6711


 172.2330, 40.8041,
72.5867


 68.1880, 49.2073,
84.0271


 189.8430, 32.1224,
57.1427

 56.4390, 41.6886,
68.8980


 207.4530, 23.4407,
41.6987

 44.8040, 34.6066,
53.6689

 225.0630, 14.7589,
26.2547

 33.1690, 27.5247,
38.4398

 242.6730, 6.0772,
10.8108

 22.3600, 21.0215,
24.2403

 9.2730, 16.1344,

5.0226

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 118.9270, 51.8010,
92.1490

■ 118.9270, 51.8010,
92.1490

■ 106.0130, 58.1676,
103.4746

■ 131.8410, 45.4344,
80.8234

■ 92.5120, 64.8236,
115.3150

■ 145.3420, 38.7784,
68.9831

■ 158.2560, 32.4118,
57.6575

■ 171.7570, 25.7558,
45.8171

■ 184.6710, 19.3892,
34.4915

■ 197.5850, 13.0226,
23.1660

■ 211.0860, 6.3666,
11.3256

■ 224.0000, 0.0000,
0.0000

■ 237.5010, -6.6560,
-11.8404

Harmonies

Analogous

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



122.0230, 65.5577, -27.2072



118.9270, 51.8010, 92.1490



92.4330, 24.4365, 142.5713

Triad

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



118.9270, 51.8010, 92.1490



124.1830, -61.2222, 36.6735



121.4960, 44.1255, -106.5520

Complementary

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



118.9270, 51.8010, 92.1490



150.0730, -51.8010, -92.1490

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.



110.9910, 6.4134, -97.3391



118.9270, 51.8010, 92.1490



111.6710, -55.0538, -28.6525

Square

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



118.9270, 51.8010, 92.1490



118.6540, -58.4964, 95.8964



96.5420, -36.2562, -84.6673



124.1640, 64.5021, -108.8918

Rectangle

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



118.9270, 51.8010, 92.1490



86.0490, -0.0242, 148.1700



96.5420, -36.2562, -84.6673



118.3040, 31.8951, -103.7526

Sweetspot

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



118.9270, 51.8010, 92.1490



219.1930, 17.6529, 31.4027



65.4060, 78.1868, -17.8961



106.2810, 10.7075, 19.0476



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



118.9270, 51.8010, 92.1490



111.1850, 70.9008, 126.1258



108.7810, 12.9260, 101.0471



105.5430, 3.1833, 5.6628



72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Inverse Universe

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



118.9270, 51.8010, 92.1490



111.1850, 70.9008, 126.1258



160.3330, -12.4892, -101.1470



105.5430, 3.1833, 5.6628



72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 118.9270, 51.8010, 92.1490 looks on a white background.

Color Contrast Check

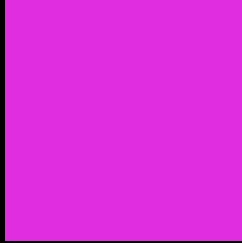
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 118.9270, 51.8010, 92.1490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

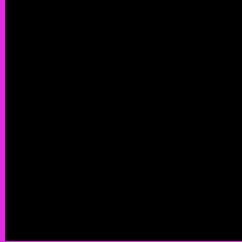
Any Text WCAG AA ✓ Pass

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](#).

YUV 118.9270, 51.8010, 92.1490 Background



This preview shows how black text looks on a background with the YUV color 118.9270, 51.8010, 92.1490.



This preview shows how white text looks on a background with the YUV color 118.9270, 51.8010,

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

118.9270, 51.8010, 92.1490

Protanopia

121.8360, 65.6499, -56.8612

Deuteranopia

128.2520, 41.2878, -36.1780



Tritanopia

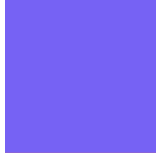
130.1830, -13.8942, 69.9995

Trichromacy



Original Color

118.9270, 51.8010, 92.1490



Protanomaly

120.6240, 60.8244, -2.3012



Deuteranomaly

124.8740, 44.9251, 10.6345



Tritanomaly

126.1280, 9.7969, 77.9407

Monochromacy



Original Color

118.9270, 51.8010, 92.1490



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

118.8450, 18.8104, 33.4619

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.9270, 51.8010, 92.1490 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(224, 45, 224)` looks like.

```
.text, #text, p{  
    color:rgb(224, 45, 224)  
}
```

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(224, 45, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 45, 224) }
```

Border

The CSS property to change the border of an element to YUV 118.9270, 51.8010, 92.1490 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(224, 45, 224) }
```


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

```
.border{ border-color:rgb(224, 45, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 45, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 45, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 45, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 45,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 118.9270, 51.8010, 92.1490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 45, 224) }
```

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

```
.background{ background-color: rgb(224, 45,  
224) }
```

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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