

Converting Colors

YUV(78.4740, 25.4023,
112.7173)

Have a look what the booklet for
YUV(78.4740, 25.4023, 112.7173)
contains.

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Color

**YUV(78.4740, 25.4023,
112.7173)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0382
RGB	207, 3, 130
RGB Percent	81%, 1%, 51%
CMY	0.1882, 0.9882, 0.4902
CMYK	0.00, 0.99, 0.37, 0.19
HSL	323°, 97%, 41%
HSV	323°, 99%, 81%
XYZ	29.7940, 14.9422, 22.4329
YIQ	78.4740, 80.8170, 82.7450

Conversions

Conversions Part 2

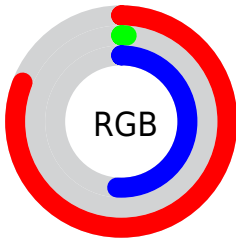
Format	Color
R_{YB}	207, 3, 130
Decimal	13566850
CIE _{Lab}	45.55, 74.33, -11.99
CIE _{LCh}	46, 75.290, 350.833
Yxy	14.9422, 0.4436, 0.2225
Android (android.graphics.Color)	4291756930 (0xFFCF0382)
YUV	78.4740, 25.4023, 112.7173
Hunter-Lab	38.6552, 69.9345, -7.3494

Details

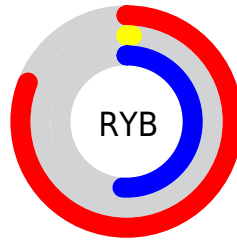
The YUV color **78.4740, 25.4023, 112.7173** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **131.5260, -25.4023, -112.7173**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.9370, 16.3001, 92.1403**, and **53.1870, 13.7118, 82.2740** is the 20% darker color. If you saturate the color by 10%, you get **76.5990, 25.8337, 114.3617**, and if you desaturate by 10%, it is **91.7130, 22.8195, 101.1067**.

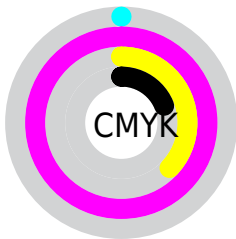
Distribution



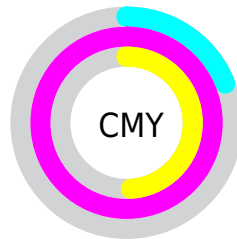
- Red (81%)
- Green (1%)
- Blue (51%)



- Red (81%)
- Yellow (1%)
- Blue (51%)



- Cyan (0%)
- Magenta (99%)
- Yellow (37%)
- Black (19%)





- Cyan (19%)
- Magenta (99%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.4740, 25.4023, 112.7173 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 78.4740, 25.4023, 112.7173 by changing the saturation by 10% instead.


 78.4740, 25.4023,
112.7173


 78.4740, 25.4023,
112.7173

255.0000, 0.0000,
0.0000


 64.8930, 19.7728,
98.3178


 149.9370, 16.3001,
92.1403


 53.1870, 13.7118,
82.2740


 171.3260, 19.5593,
73.3821

 41.5950, 8.0877,
66.1302


 191.5410, 23.3973,
55.6535

 30.4160, 2.7529,
50.5012

 210.9750, 21.7043,
38.6099

 19.4220, -3.1660,
35.5869

 228.5850, 13.0226,
23.1660

 7.5890, -3.2484,
15.2694

 246.1950, 4.3409,

 0.0000, 0.0000,

7.7220

0.0000

■ 78.4740, 25.4023,
112.7173

■ 78.4740, 25.4023,
112.7173

■ 76.5990, 25.8337,
114.3617

■ 91.7130, 22.8195,
101.1067

■ 104.3650, 20.5261,
90.0109

■ 117.4900, 17.5064,
78.5003

■ 130.7290, 14.9236,
66.8897

■ 143.3810, 12.6302,
55.7939

■ 156.6200, 10.0473,
44.1833

■ 169.8590, 7.4645,
32.5727

■ 183.0980, 4.8817,
20.9621

■ 195.6360, 2.1515,
9.9662

Harmonies

Analogous

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



107.5520, 40.1539, 47.7509



78.4740, 25.4023, 112.7173



79.6570, -5.7469, 116.9418

Triad

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



78.4740, 25.4023, 112.7173



96.1760, -47.4148, -5.4164



100.9680, 51.7808, -88.5489

Complementary

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



78.4740, 25.4023, 112.7173



131.5260, -25.4023, -112.7173

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.



95.8720, 27.1781, -84.0797



78.4740, 25.4023, 112.7173



75.9340, -33.9845, -66.5941

Square

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



78.4740, 25.4023, 112.7173



101.7780, -50.1766, 40.5367



87.8750, -0.9244, -77.0664



98.2900, 66.9050, -86.2003

Rectangle

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



78.4740, 25.4023, 112.7173



93.5870, -33.3204, 94.2012



87.8750, -0.9244, -77.0664



99.7310, 44.5026, -87.4641

Sweetspot

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



78.4740, 25.4023, 112.7173



207.0820, 9.3266, 42.0241



48.6810, 78.0513, 25.7128



98.9460, 5.4496, 25.4804



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.



78.4740, 25.4023, 112.7173



94.3710, 31.8621, 140.8716



67.0740, -18.2775, 122.7151



98.0870, 1.4361, 6.0627



62.2020, 21.0994, 92.7848



15.1090, 4.8763, 22.7064

Inverse Universe

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



78.4740, 25.4023, 112.7173



94.3710, 31.8621, 140.8716



142.9260, 18.2775, -122.7151



98.0870, 1.4361, 6.0627



62.2020, 21.0994, 92.7848



15.1090, 4.8763, 22.7064

Previews

White Background



This preview shows how the YUV color 78.4740, 25.4023, 112.7173 looks on a white background.

Color Contrast Check

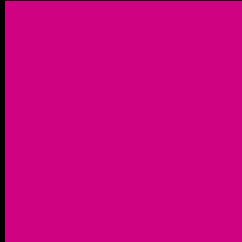
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 78.4740, 25.4023, 112.7173 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](#).

YUV 78.4740, 25.4023, 112.7173

Background



This preview shows how black text looks on a background with the YUV color 78.4740, 25.4023, 112.7173.



This preview shows how white text looks on a background with the YUV color 78.4740, 25.4023,

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

78.4740, 25.4023, 112.7173

Protanopia

106.7370, 39.0767, -26.9563

Deuteranopia

110.9880, 4.9359, 3.5185



Tritanopia

96.3770, -21.3849, 92.6314

Trichromacy



Original Color

78.4740, 25.4023, 112.7173



Protanomaly

96.5030, 34.2620, 24.1149



Deuteranomaly

98.8910, 12.3787, 43.0686



Tritanomaly

90.1880, -4.5297, 99.8131

Monochromacy



Original Color

78.4740, 25.4023, 112.7173



Achromatopsia

78.0000, 0.0000, 0.0000



Achromatomaly

78.3700, 9.1846, 40.8945

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.4740, 25.4023, 112.7173 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(207, 3, 130)` looks like.

```
.text, #text, p{  
    color:rgb(207, 3, 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(207, 3, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 3, 130) }
```

Border

The CSS property to change the border of an element to YUV 78.4740, 25.4023, 112.7173 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(207, 3, 130) }
```


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

```
.border{ border-color:rgb(207, 3, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 3, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 3, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 3, 130);  
box-shadow:4px 4px 4px 4px rgb(207, 3,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 78.4740, 25.4023, 112.7173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 3, 130) }
```

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

```
.background{ background-color: rgb(207, 3,  
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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