

# Converting Colors

YUV(138.2460, 14.1757,  
73.4523)

Have a look what the booklet for  
YUV(138.2460, 14.1757, 73.4523)  
contains.

<b>YUV(138.2460, 14.1757, 73.4523)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(138.2460, 14.1757,  
73.4523)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE5AA7
RGB	222, 90, 167
RGB Percent	87%, 35%, 65%
CMY	0.1294, 0.6471, 0.3451
CMYK	0.00, 0.59, 0.25, 0.13
HSL	325°, 67%, 61%
HSV	325°, 59%, 87%
XYZ	40.7554, 25.6319, 39.3586
YIQ	138.2460, 53.9550, 51.9310

# Conversions

## Conversions Part 2

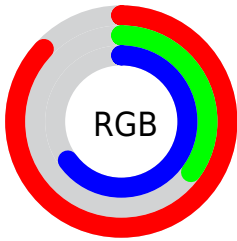
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 90, 167
Decimal	14572199
CIE Lab	57.69, 59.43, -15.43
CIE LCh	58, 61.396, 345.449
Yxy	25.6319, 0.3854, 0.2424
Android (android.graphics.Color)	4292762279 (0xFFDE5AA7)
YUV	138.2460, 14.1757, 73.4523
Hunter-Lab	50.6280, 55.0931, -10.6529

# Details

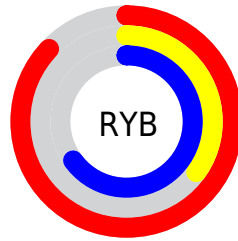
The YUV color **138.2460, 14.1757, 73.4523** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **173.7540, -14.1757, -73.4523**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2550, 17.1293, 59.4124**, and **78.2830, 18.1015, 74.2968** is the 20% darker color. If you saturate the color by 10%, you get **124.3060, 16.6111, 85.6776**, and if you desaturate by 10%, it is **152.1860, 11.7403, 61.2269**.

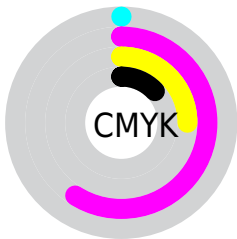
# Distribution



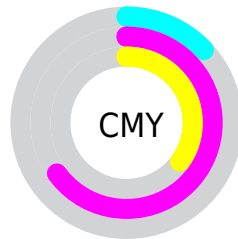
- Red (87%)
- Green (35%)
- Blue (65%)



- Red (87%)
- Yellow (35%)
- Blue (65%)



- Cyan (0%)
- Magenta (59%)
- Yellow (25%)
- Black (13%)




- Cyan (13%)
- Magenta (65%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 138.2460, 14.1757, 73.4523 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 138.2460, 14.1757, 73.4523 by changing the saturation by 10% instead.





 138.2460, 14.1757,  
73.4523


 138.2460, 14.1757,  
73.4523


255.0000, 0.0000,  
0.0000


 109.2890, 15.6335,  
72.5375


 187.2550, 17.1293,  
59.4124


 78.2830, 18.1015,  
74.2968

 206.9970, 21.6935,  
42.0986

 50.6250, 19.4119,  
73.9969

 224.4760, 15.0483,  
26.7695

 39.6310, 13.4929,  
59.0826

 241.4990, 6.6560,  
11.8404

 28.6370, 7.5740,  
44.1684

 18.8820, 2.5232,  
30.7985

 4.7840, -2.3585,

9.8364

■ 0.0000, 0.0000,  
0.0000

■ 138.2460, 14.1757,  
73.4523

■ 138.2460, 14.1757,  
73.4523

■ 124.3060, 16.6111,  
85.6776

■ 152.1860, 11.7403,  
61.2269

■ 110.2520, 18.6098,  
98.0030

■ 166.2400, 9.7417,  
48.9015

■ 95.7250, 21.3346,  
110.7432

■ 180.7670, 7.0169,  
36.1613

■ 81.7850, 23.7700,  
122.9686

■ 194.7070, 4.5814,  
23.9360

■ 81.0840, 23.6226,  
123.5833

■ 208.6470, 2.1460,  
11.7106

■ 222.7010, 0.1474,  
-0.6148

■ 236.6410, -2.2880,  
-12.8402

■ 243.5370, -1.2507,  
-18.8879

■ 244.5630, 2.6804,  
-19.7878

# Harmonies

## Analogous

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



142.7640, 35.1193, 29.1480



138.2460, 14.1757, 73.4523



134.2160, -10.4595, 88.3876

# Triad

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



138.2460, 14.1757, 73.4523



128.2720, -56.3361, 9.4085



118.9030, 46.8828, -104.2779

# Complementary

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



138.2460, 14.1757, 73.4523



173.7540, -14.1757, -73.4523

# 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.



115.1920, 25.0483, -101.0234



138.2460, 14.1757, 73.4523



120.7940, -31.4504, -39.2843

# Square

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



138.2460, 14.1757, 73.4523



132.3830, -54.4188, 47.8991



107.6340, 1.1664, -94.3950



116.9260, 62.1545, -102.5441



# Rectangle

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



138.2460, 14.1757, 73.4523



134.1170, -27.1727, 82.3354



107.6340, 1.1664, -94.3950



118.4810, 40.1889, -103.9078

# Sweetspot

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



138.2460, 14.1757, 73.4523



225.8320, 5.0128, 25.5803



121.4930, 49.5500, 20.6156



109.6090, 3.1508, 16.1289



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.



138.2460, 14.1757, 73.4523



140.2030, 19.6199, 100.6770



130.7220, -14.6529, 80.0508



105.0870, 1.4361, 6.0627



64.3660, 19.0466, 97.9030



17.5440, 5.1548, 26.7099



# Inverse Universe

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



138.2460, 14.1757, 73.4523



140.2030, 19.6199, 100.6770



181.2780, 14.6529, -80.0508



105.0870, 1.4361, 6.0627



64.3660, 19.0466, 97.9030



17.5440, 5.1548, 26.7099



# Previews

## White Background



This preview shows how the YUV color 138.2460, 14.1757, 73.4523 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

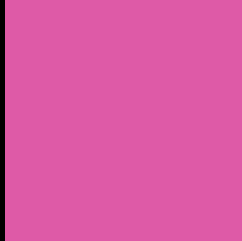
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 138.2460, 14.1757, 73.4523 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

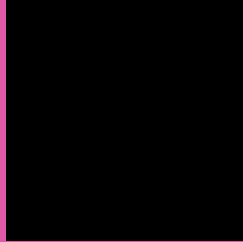
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 138.2460, 14.1757, 73.4523

## Background



This preview shows how black text looks on a background with the YUV color 138.2460, 14.1757, 73.4523.



This preview shows how white text looks on a background with the YUV color 138.2460, 14.1757,



# 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

138.2460, 14.1757, 73.4523

### Protanopia

138.6150, 30.7558, -18.0794

### Deuteranopia

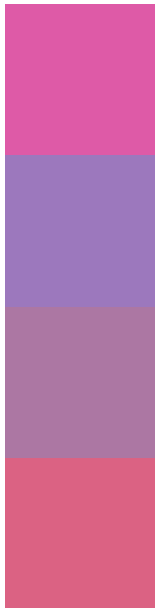
140.8290, 9.4513, 1.9040



## Tritanopia

137.8840, -13.7468, 69.3847

# Trichromacy



## Original Color

138.2460, 14.1757, 73.4523

## Protanomaly

138.6300, 24.8324, 15.2335

## Deuteranomaly

139.8630, 11.4065, 28.1841

## Tritanomaly

137.9410, -3.4219, 71.0887

# Monochromacy



## Original Color

138.2460, 14.1757, 73.4523

## Achromatopsia

138.0000, 0.0000, 0.0000

## Achromatomaly

138.5440, 5.1548, 26.7099

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.2460, 14.1757, 73.4523 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(222, 90, 167)` looks like.

```
.text, #text, p{  
    color:rgb(222, 90, 167)  
}
```

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(222, 90, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 90, 167) }
```

## Border

The CSS property to change the border of an element to YUV 138.2460, 14.1757, 73.4523 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(222, 90, 167) }
```



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

```
.border{ border-color:rgb(222, 90, 167) }
```

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

Here you see how a box with a 4 pixel rgb(222, 90, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 90, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 90, 167);  
box-shadow:4px 4px 4px 4px rgb(222, 90,  
167) }
```

# Background

The CSS property to change the background color of an element to YUV 138.2460, 14.1757, 73.4523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 90, 167) }
```

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

```
.background{ background-color: rgb(222, 90,  
167) }
```

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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