

Converting Colors

YUV(139.9620, 38.4727,
73.7013)

Have a look what the booklet for
YUV(139.9620, 38.4727, 73.7013)
contains.

YUV(139.9620, 38.4727, 73.7013)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(139.9620, 38.4727,
73.7013)**

Conversions

Conversions Part 1

Format	Color
Hex	E052DA
RGB	224, 82, 218
RGB Percent	88%, 32%, 85%
CMY	0.1216, 0.6784, 0.1451
CMYK	0.00, 0.63, 0.03, 0.12
HSL	303°, 70%, 60%
HSV	303°, 63%, 88%
XYZ	46.4127, 26.9438, 69.0841
YIQ	139.9620, 40.9760, 72.4000

Conversions

Conversions Part 2

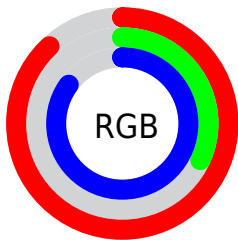
Format	Color
R _{YB}	224, 82, 218
Decimal	14701274
CIE _{Lab}	58.92, 70.79, -42.68
CIE _{LCh}	59, 82.664, 328.914
Yxy	26.9438, 0.3258, 0.1892
Android (android.graphics.Color)	4292891354 (0xFFE052DA)
YUV	139.9620, 38.4727, 73.7013
Hunter-Lab	51.9075, 68.7664, -42.5744

Details

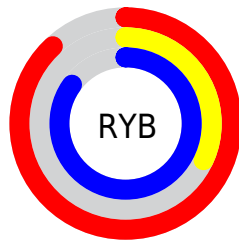
The YUV color **139.9620, 38.4727, 73.7013** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **166.0380, -38.4727, -73.7013**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.4950, 33.2800, 59.2019**, and **67.8030, 46.4391, 85.2418** is the 20% darker color. If you saturate the color by 10%, you get **126.9340, 44.4025, 85.1269**, and if you desaturate by 10%, it is **152.9900, 32.5429, 62.2758**.

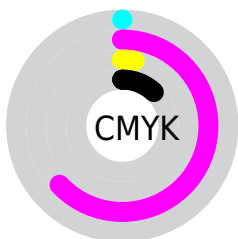
Distribution



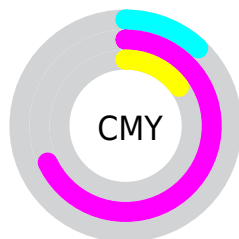
- Red (88%)
- Green (32%)
- Blue (85%)



- Red (88%)
- Yellow (32%)
- Blue (85%)



- Cyan (0%)
- Magenta (63%)
- Yellow (3%)
- Black (12%)





- Cyan (12%)
- Magenta (68%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.9620, 38.4727, 73.7013 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 139.9620, 38.4727, 73.7013 by changing the saturation by 10% instead.


 139.9620, 38.4727,
73.7013


 139.9620, 38.4727,
73.7013


255.0000, 0.0000,
0.0000


 109.0160, 39.9251,
74.5310


 187.4950, 33.2800,
59.2019


 67.8030, 46.4391,
85.2418


 204.5180, 24.8876,
44.2727


 56.4670, 39.2098,
70.6274

 221.5410, 16.4953,
29.3435

 44.8320, 32.1278,
55.3983

 239.1510, 7.8136,
13.8996

 33.9090, 25.1879,
41.2988

 23.6980, 18.3899,
28.3289

 11.5080, 13.0606,

10.9555

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 139.9620, 38.4727,
73.7013

■ 139.9620, 38.4727,
73.7013

■ 126.9340, 44.4025,
85.1269

■ 152.9900, 32.5429,
62.2758

■ 113.3190, 50.6217,
97.0672

■ 166.6050, 26.3237,
50.3354

■ 100.2910, 56.5515,
108.4928

■ 179.6330, 20.3939,
38.9099

■ 91.4860, 60.8924,
116.2148

■ 193.2480, 14.1747,
26.9695

■ 206.2760, 8.2449,
15.5439

■ 219.3040, 2.3151,
4.1184

■ 232.9190, -3.9041,
-7.8220

■ 242.4250, -8.0975,
-16.1587

■ 242.5390, -7.6607,
-16.2587

Harmonies

Analogous

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



138.9450, 57.2151, -11.3528



139.9620, 38.4727, 73.7013



119.5320, 14.0347, 118.8054

Triad

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



139.9620, 38.4727, 73.7013



133.0320, -65.5848, 35.9289



125.4910, 41.6629, -110.0556

Complementary

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



139.9620, 38.4727, 73.7013



166.0380, -38.4727, -73.7013

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.



116.5820, 10.0661, -102.2424



139.9620, 38.4727, 73.7013



122.6570, -60.4699, -18.1162

Square

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



139.9620, 38.4727, 73.7013



130.9810, -64.5736, 85.0857



105.4560, -22.4098, -92.4849



127.0990, 63.0552, -111.4658

Rectangle

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



139.9620, 38.4727, 73.7013



118.7560, -9.2467, 119.4860



105.4560, -22.4098, -92.4849



122.8690, 31.6166, -107.7561

Sweetspot

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



139.9620, 38.4727, 73.7013



226.5960, 13.0172, 24.9103



99.6830, 61.2883, -11.1230



110.1620, 7.8081, 15.6439



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.



139.9620, 38.4727, 73.7013



140.2100, 52.6475, 100.6708



131.9820, 7.8969, 80.6998



105.5430, 3.1833, 5.6628



71.8900, 47.8752, 91.3045



19.5960, 13.0172, 24.9103

Inverse Universe

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



139.9620, 38.4727, 73.7013



140.2100, 52.6475, 100.6708



174.0180, -7.8969, -80.6998



105.5430, 3.1833, 5.6628



71.8900, 47.8752, 91.3045



19.5960, 13.0172, 24.9103

Previews

White Background



This preview shows how the YUV color 139.9620, 38.4727, 73.7013 looks on a white background.

Color Contrast Check

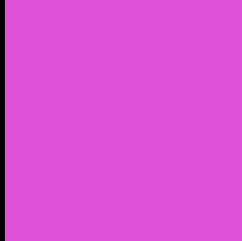
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.9620, 38.4727, 73.7013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

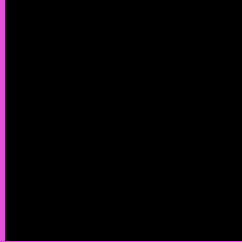
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.9620, 38.4727, 73.7013

Background



This preview shows how black text looks on a background with the YUV color 139.9620, 38.4727, 73.7013.



This preview shows how white text looks on a background with the YUV color 139.9620, 38.4727, 73.7013.

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

139.9620, 38.4727, 73.7013

Protanopia

135.7900, 58.7705, -43.6658

Deuteranopia

140.5650, 33.2455, -23.2975



Tritanopia

142.4100, -11.5411, 61.9074

Trichromacy



Original Color

139.9620, 38.4727, 73.7013



Protanomaly

137.5180, 51.5096, -1.3313



Deuteranomaly

140.6540, 35.1736, 11.7044



Tritanomaly

141.2530, 6.7773, 66.4301

Monochromacy



Original Color

139.9620, 38.4727, 73.7013



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

140.1340, 13.7379, 27.0695

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.9620, 38.4727, 73.7013 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, 82, 218)` looks like.

```
.text, #text, p{  
    color:rgb(224, 82, 218)  
}
```

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, 82, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 82, 218) }
```

Border

The CSS property to change the border of an element to YUV 139.9620, 38.4727, 73.7013 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, 82, 218) }
```


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

```
.border{ border-color:rgb(224, 82, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 82, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 82, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 82, 218);  
box-shadow:4px 4px 4px 4px rgb(224, 82,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 139.9620, 38.4727, 73.7013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 82, 218) }
```

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

```
.background{ background-color: rgb(224, 82,  
218) }
```

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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