

Converting Colors

YUV(139.0290, 9.8457, 62.2416)

Have a look what the booklet for
YUV(139.0290, 9.8457, 62.2416)
contains.

YUV(139.0290, 9.8457, 62.2416)	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(139.0290, 9.8457,
62.2416)**

Conversions

Conversions Part 1

Format	Color
Hex	D2639F
RGB	210, 99, 159
RGB Percent	82%, 39%, 62%
CMY	0.1765, 0.6118, 0.3765
CMYK	0.00, 0.53, 0.24, 0.18
HSL	328°, 55%, 61%
HSV	328°, 53%, 82%
XYZ	37.2982, 25.1285, 35.6853
YIQ	139.0290, 46.8960, 42.1920

Conversions

Conversions Part 2

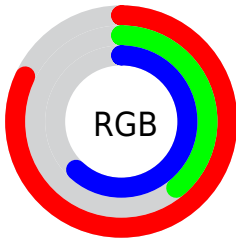
Format	Color
R _Y B	210, 99, 159
Decimal	13788063
CIE Lab	57.20, 50.54, -11.68
CIE LCh	57, 51.875, 346.983
Yxy	25.1285, 0.3802, 0.2561
Android (android.graphics.Color)	4291978143 (0xFFD2639F)
YUV	139.0290, 9.8457, 62.2416
Hunter-Lab	50.1284, 45.0890, -7.1175

Details

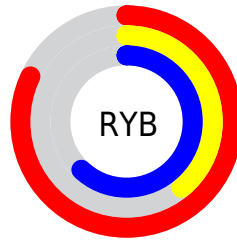
The YUV color **139.0290, 9.8457, 62.2416** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **169.9710, -9.8457, -62.2416**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4520, 11.6092, 56.6086**, and **84.4740, 11.5983, 60.0973** is the 20% darker color. If you saturate the color by 10%, you get **125.5620, 11.5549, 74.0521**, and if you desaturate by 10%, it is **152.4960, 8.1365, 50.4310**.

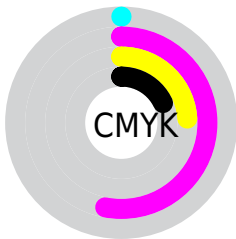
Distribution



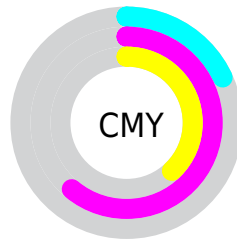
- Red (82%)
- Green (39%)
- Blue (62%)



- Red (82%)
- Yellow (39%)
- Blue (62%)



- Cyan (0%)
- Magenta (53%)
- Yellow (24%)
- Black (18%)




- Cyan (18%)
- Magenta (61%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.0290, 9.8457, 62.2416 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 139.0290, 9.8457, 62.2416 by changing the saturation by 10% instead.


 139.0290, 9.8457,
62.2416


 139.0290, 9.8457,
62.2416


255.0000, 0.0000,
0.0000


 111.5450, 10.5773,
60.9120


 190.4520, 11.6092,
56.6086


 84.4740, 11.5983,
60.0973


 210.0800, 15.7366,
39.3948


 52.1200, 15.2238,
63.9158

 228.5850, 13.0226,
23.1660

 35.8430, 11.9094,
53.6347

 245.6080, 4.6303,
8.2368

 25.5610, 6.1324,
39.8500

 15.9910, 0.4974,
27.1949

 0.0000, 0.0000,

0.0000

■ 139.0290, 9.8457,
62.2416

■ 139.0290, 9.8457,
62.2416

■ 125.5620, 11.5549,
74.0521

■ 152.4960, 8.1365,
50.4310

■ 112.2090, 13.7010,
85.7627

■ 165.8490, 5.9904,
38.7204

■ 98.7420, 15.4102,
97.5733

■ 179.3160, 4.2812,
26.9099

■ 85.2750, 17.1194,
109.3838

■ 192.7830, 2.5720,
15.0993

■ 75.7860, 18.8395,
117.7057

■ 206.1360, 0.4260,
3.3887

■ 219.6030, -1.2833,
-8.4218

■ 233.0700, -2.9925,
-20.2324

■ 239.3790, -1.6658,
-25.7654

■ 240.5190, 2.7021,
-26.7652

Harmonies

Analogous

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



142.0320, 28.5782, 27.1589



139.0290, 9.8457, 62.2416



135.9000, -11.2897, 74.6327

Triad

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



139.0290, 9.8457, 62.2416



129.9200, -42.3586, 6.2092



114.7140, 43.5250, -100.6042

Complementary

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



139.0290, 9.8457, 62.2416



169.9710, -9.8457, -62.2416

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.



111.8010, 24.7481, -98.0495



139.0290, 9.8457, 62.2416



123.4340, -25.3570, -33.7066

Square

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



139.0290, 9.8457, 62.2416



133.4880, -43.6246, 39.0370



105.8560, 4.5080, -92.8357



112.5260, 55.4497, -98.6853

Rectangle

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



139.0290, 9.8457, 62.2416



135.6100, -24.9507, 69.6250



105.8560, 4.5080, -92.8357



114.5200, 37.7046, -100.4340

Sweetspot

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



139.0290, 9.8457, 62.2416



228.7670, 3.5659, 23.0063



126.6040, 41.1142, 19.6413



111.9570, 1.9932, 14.0697



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.



139.0290, 9.8457, 62.2416



152.0570, 14.2689, 90.2810



132.8730, -13.7414, 67.6404



97.9730, 0.9993, 6.1627



60.6060, 14.9842, 94.1845



14.7670, 3.5659, 23.0063

Inverse Universe

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



139.0290, 9.8457, 62.2416



152.0570, 14.2689, 90.2810



176.1270, 13.7414, -67.6404



97.9730, 0.9993, 6.1627



60.6060, 14.9842, 94.1845



14.7670, 3.5659, 23.0063

Previews

White Background



This preview shows how the YUV color 139.0290, 9.8457, 62.2416 looks on a white background.

Color Contrast Check

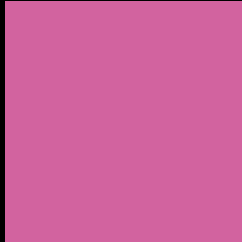
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.0290, 9.8457, 62.2416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

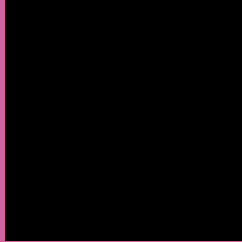
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.0290, 9.8457, 62.2416

Background



This preview shows how black text looks on a background with the YUV color 139.0290, 9.8457, 62.2416.



This preview shows how white text looks on a background with the YUV color 139.0290, 9.8457,

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

139.0290, 9.8457, 62.2416

Protanopia

137.9980, 23.1720, -12.2762

Deuteranopia

139.1560, 6.8251, 4.2482



Tritanopia

138.2140, -10.9515, 59.4483

Trichromacy



Original Color

139.0290, 9.8457, 62.2416



Protanomaly

138.6100, 18.4333, 14.3740



Deuteranomaly

138.9290, 7.9230, 25.4953



Tritanomaly

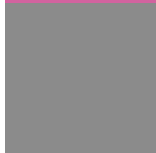
138.5760, -3.2420, 60.0078

Monochromacy



Original Color

139.0290, 9.8457, 62.2416



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

138.7670, 3.5659, 23.0063

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.0290, 9.8457, 62.2416 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(210, 99, 159)` looks like.

```
.text, #text, p{  
    color:rgb(210, 99, 159)  
}
```

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(210, 99, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 99, 159) }
```

Border

The CSS property to change the border of an element to YUV 139.0290, 9.8457, 62.2416 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(210, 99, 159) }
```


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

```
.border{ border-color:rgb(210, 99, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 99, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 99, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 99, 159);  
box-shadow:4px 4px 4px 4px rgb(210, 99,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 139.0290, 9.8457, 62.2416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 99, 159) }
```

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

```
.background{ background-color: rgb(210, 99,  
159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor