

Converting Colors

YUV(139.7250, -39.7974,
24.7972)

Have a look what the booklet for
YUV(139.7250, -39.7974, 24.7972)
contains.

YUV(139.7250, -39.7974, 24.7972)	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(139.7250, -39.7974,
24.7972)**

Conversions

Conversions Part 1

Format	Color
Hex	A88D3B
RGB	168, 141, 59
RGB Percent	66%, 55%, 23%
CMY	0.3412, 0.4471, 0.7686
CMYK	0.00, 0.16, 0.65, 0.34
HSL	45°, 48%, 45%
HSV	45°, 65%, 66%
XYZ	26.4627, 27.6904, 8.0877
YIQ	139.7250, 42.4140, -19.7780

Conversions

Conversions Part 2

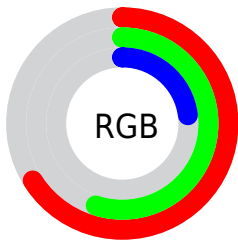
Format	Color
R_{YB}	95, 168, 59
Decimal	11046203
CIE _{Lab}	59.61, 0.59, 46.29
CIE _{LCh}	60, 46.290, 89.266
Yxy	27.6904, 0.4252, 0.4449
Android (android.graphics.Color)	4289236283 (0xFFA88D3B)
YUV	139.7250, -39.7974, 24.7972
Hunter-Lab	52.6216, -2.3225, 27.7225

Details

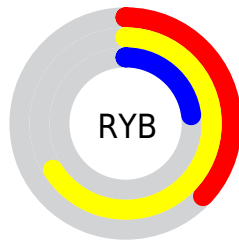
The YUV color $139.7250, -39.7974, 24.7972$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $87.2750, 39.7974, -24.7972$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $193.9920, -41.4081, 28.0710$, and $87.5460, -41.6812, 22.3232$ is the 20% darker color. If you saturate the color by 10%, you get $135.4390, -46.0654, 28.5560$, and if you desaturate by 10%, it is $144.0110, -33.5294, 21.0384$.

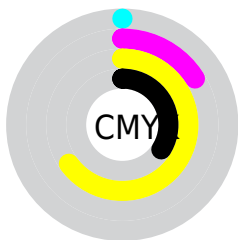
Distribution



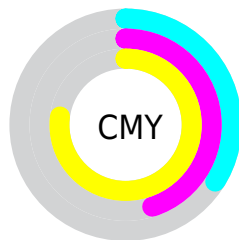
- Red (66%)
- Green (55%)
- Blue (23%)



- Red (37%)
- Yellow (66%)
- Blue (23%)



- Cyan (0%)
- Magenta (16%)
- Yellow (65%)
- Black (34%)



- Cyan (34%)
- Magenta (45%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.7250, -39.7974, 24.7972 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 139.7250, -39.7974, 24.7972 by changing the saturation by 10% instead.

■ 139.7250,
-39.7974, 24.7972

■ 139.7250,
-39.7974, 24.7972

■ 255.0000, 0.0000,
0.0000

■ 113.8280,
-39.3552, 22.9528

■ 193.9920,
-41.4081, 28.0710

■ 87.5460, -41.6812,
22.3232

■ 222.0630,
-42.4291, 28.8857

■ 65.6300, -32.3556,
17.8645

■ 242.1640,
-39.0279, 11.2572

■ 44.9420, -22.1564,
13.2059

■ 247.7040,
-27.9551, 6.3986

■ 25.7270, -12.6834,
8.1324

■ 250.8960,
-15.7247, 3.5992

■ 0.0000, 0.0000,
0.0000

■ 254.2020, -3.0576,

0.6998

■ 139.7250,
-39.7974, 24.7972

■ 139.7250,
-39.7974, 24.7972

■ 135.4390,
-46.0654, 28.5560

■ 144.0110,
-33.5294, 21.0384

■ 131.1530,
-52.3334, 32.3148

■ 148.2970,
-27.2614, 17.2795

■ 126.9810,
-58.1646, 35.9737

■ 152.4690,
-21.4302, 13.6207

■ 124.1940,
-61.2276, 38.4179

■ 157.3420,
-15.4516, 9.3471

■ 161.6280, -9.1836,
5.5882

■ 165.9140, -2.9156,
1.8294

■ 170.2000, 3.3524,
-1.9294

■ 174.3720, 9.1836,
-5.5882

■ 178.6580, 15.4516,
-9.3471

Harmonies

Analogous

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



142.1980, -33.6216, 50.6924



139.7250, -39.7974, 24.7972



135.6500, -32.8585, -7.5861

Triad

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



139.7250, -39.7974, 24.7972



116.4290, 32.3265, -102.1082



148.1770, 18.6467, 39.3098

Complementary

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



139.7250, -39.7974, 24.7972



87.2750, 39.7974, -24.7972

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.



145.6370, 34.1960, -1.4356



139.7250, -39.7974, 24.7972



117.0280, 47.3142, -102.6336

Square

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



139.7250, -39.7974, 24.7972



112.3420, 14.1284, -98.5239



131.0640, 46.3104, -60.5691



145.5100, 0.2416, 62.6967

Rectangle

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



139.7250, -39.7974, 24.7972



130.8840, -21.1418, -32.3473



131.0640, 46.3104, -60.5691



147.5930, 24.3577, 27.5439

Sweetspot

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



139.7250, -39.7974, 24.7972



208.4560, -15.0148, 9.2471



94.6690, -4.2738, 64.3113



102.9270, -9.3310, 6.2030



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



139.7250, -39.7974, 24.7972



174.8520, -62.5380, 38.7178



147.5010, -43.6310, -5.7014



81.9140, -2.9156, 1.8294



109.4090, -53.9386, 33.8443



14.7850, -7.2890, 4.5736

Inverse Universe

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



87.2750, 39.7974, -24.7972



92.7350, 62.2486, -39.2326



79.4990, 43.6310, 5.7014



78.0860, 2.9156, -1.8294



38.5910, 53.9386, -33.8443



5.2150, 7.2890, -4.5736

Previews

White Background



This preview shows how the YUV color 139.7250, -39.7974, 24.7972 looks on a white background.

Color Contrast Check

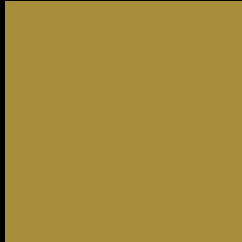
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.7250, -39.7974, 24.7972 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 139.7250, -39.7974, 24.7972

Background



This preview shows how black text looks on a background with the YUV color 139.7250, -39.7974, 24.7972.



This preview shows how white text looks on a background with the YUV color 139.7250, -39.7974, 24.7972.

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

139.7250, -39.7974, 24.7972

Protanopia

139.2080, -39.0495, 18.2346

Deuteranopia

140.4810, -39.6771, 32.9042



Tritanopia

146.1110, -1.5337, 25.3357

Trichromacy



Original Color

139.7250, -39.7974, 24.7972

Protanomaly

139.5180, -39.2024, 20.5937

Deuteranomaly

139.8720, -39.3769, 29.9303

Tritanomaly

143.4410, -15.5004, 25.0462

Monochromacy



Original Color

139.7250, -39.7974, 24.7972

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.6840, -14.1412, 9.0471

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.7250, -39.7974, 24.7972 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(168, 141, 59)` looks like.

```
.text, #text, p{  
    color:rgb(168, 141, 59)  
}
```

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(168, 141, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 141, 59) }
```

Border

The CSS property to change the border of an element to YUV 139.7250, -39.7974, 24.7972 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(168, 141, 59) }
```


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

```
.border{ border-color:rgb(168, 141, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 141, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 141, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 141, 59);  
box-shadow:4px 4px 4px 4px rgb(168, 141,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 139.7250, -39.7974, 24.7972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 141, 59) }
```

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

```
.background{ background-color: rgb(168,  
141, 59) }
```

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