

Converting Colors

YUV(138.6040, -39.7378,
5.6093)

Have a look what the booklet for
YUV(138.6040, -39.7378, 5.6093)
contains.

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Color

**YUV(138.6040, -39.7378,
5.6093)**

Conversions

Conversions Part 1

Format	Color
Hex	91973A
RGB	145, 151, 58
RGB Percent	57%, 59%, 23%
CMY	0.4314, 0.4078, 0.7725
CMYK	0.04, 0.00, 0.62, 0.41
HSL	64°, 44%, 41%
HSV	64°, 62%, 59%
XYZ	23.5074, 28.4584, 8.2570
YIQ	138.6040, 26.2770, -30.1950

Conversions

Conversions Part 2

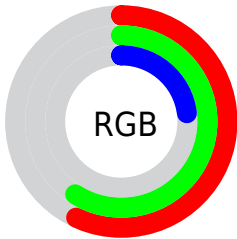
Format	Color
RYB	58, 151, 64
Decimal	9541434
CIELab	60.30, -15.03, 46.90
CIELCh	60, 49.248, 107.770
Yxy	28.4584, 0.3903, 0.4726
Android (android.graphics.Color)	4287731514 (0xFF91973A)
YUV	138.6040, -39.7378, 5.6093
Hunter-Lab	53.3465, -14.6994, 28.1655

Details

The YUV color **138.6040, -39.7378, 5.6093** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **70.3960, 39.7378, -5.6093**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.8600, -41.3430, 7.1388**, and **86.2080, -42.5005, 5.0796** is the 20% darker color. If you saturate the color by 10%, you get **136.5950, -46.1423, 6.4942**, and if you desaturate by 10%, it is **140.6130, -33.3332, 4.7244**.

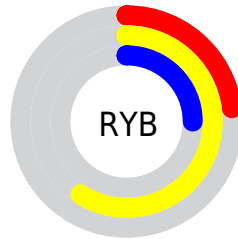
Distribution



Red (57%)

Green (59%)

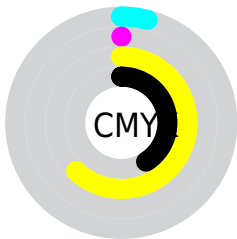
Blue (23%)



Red (23%)

Yellow (59%)

Blue (25%)

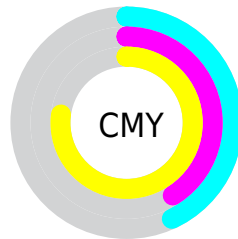


Cyan (4%)

Magenta (0%)

Yellow (62%)

Black (41%)



Cyan (43%)

Magenta (41%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.6040, -39.7378, 5.6093 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 138.6040, -39.7378, 5.6093 by changing the saturation by 10% instead.

■ 138.6040,
-39.7378, 5.6093

■ 138.6040,
-39.7378, 5.6093

■ 255.0000, 0.0000,
0.0000

■ 112.3050,
-39.5904, 4.9945

■ 192.8600,
-41.3430, 7.1388

■ 86.2080, -42.5005,
5.0796

■ 221.0450,
-41.9272, 7.8535

■ 64.3460, -31.7226,
1.4506

■ 244.5120,
-40.1854, 9.1980

■ 43.9570, -21.6708,
-2.5933

■ 247.5900,
-28.3919, 6.4986

■ 24.1550, -11.9084,
-7.1519

■ 250.8960,
-15.7247, 3.5992

■ 1.1740, -0.5788,
-1.0296

■ 254.2020, -3.0576,

■ 0.0000, 0.0000,

0.6998

0.0000

■ 138.6040,
-39.7378, 5.6093

■ 138.6040,
-39.7378, 5.6093

■ 136.5950,
-46.1423, 6.4942

■ 140.6130,
-33.3332, 4.7244

■ 134.5860,
-52.5469, 7.3791

■ 142.6220,
-26.9286, 3.8395

■ 132.5770,
-58.9515, 8.2640

■ 144.6310,
-20.5241, 2.9546

■ 130.7960,
-64.4824, 8.9489

■ 146.6400,
-14.1195, 2.0697

■ 148.7630, -7.2782,
1.0848

■ 150.7720, -0.8736,
0.2000

■ 152.7810, 5.5310,
-0.6849

■ 154.7900, 11.9355,
-1.5698

■ 156.7990, 18.3401,
-2.4547

Harmonies

Analogous

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



142.3460, -41.5826, 37.4076



138.6040, -39.7378, 5.6093



132.6020, -23.4678, -32.9770

Triad

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



138.6040, -39.7378, 5.6093



120.0940, 43.8307, -105.3224



147.9640, 8.3987, 59.6676

Complementary

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



138.6040, -39.7378, 5.6093



70.3960, 39.7378, -5.6093

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.



149.5760, 26.8310, 27.5588



138.6040, -39.7378, 5.6093



117.2050, 55.6079, -102.7888

Square

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



138.6040, -39.7378, 5.6093



117.4090, 25.9274, -102.9677



143.7420, 41.5392, -23.4527



145.3510, -12.0050, 70.7292

Rectangle

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



138.6040, -39.7378, 5.6093



122.6650, -5.7508, -68.9892



143.7420, 41.5392, -23.4527



148.6300, 14.9724, 51.1905

Sweetspot

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



138.6040, -39.7378, 5.6093



191.4120, -14.9931, 2.2697



88.7420, -15.1558, 54.6003



96.3070, -9.0254, 1.4848



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



138.6040, -39.7378, 5.6093



176.7790, -62.0090, 8.9638



125.1490, -33.1045, -22.0557



75.7890, -3.3470, 0.1850



121.3490, -59.8251, 8.4639



11.2190, -5.5310, 0.6849

Inverse Universe

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



70.3960, 39.7378, -5.6093



70.2210, 62.0090, -8.9638



83.8510, 33.1045, 22.0557



69.9120, 3.4944, -0.7998



18.6510, 59.8251, -8.4639



1.7810, 5.5310, -0.6849

Previews

White Background



This preview shows how the YUV color 138.6040, -39.7378, 5.6093 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 138.6040, -39.7378, 5.6093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

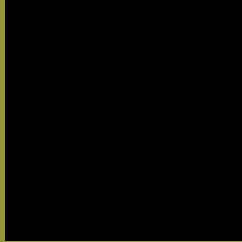
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.6040, -39.7378, 5.6093

Background



This preview shows how black text looks on a background with the YUV color 138.6040, -39.7378, 5.6093.



This preview shows how white text looks on a background with the YUV color 138.6040, -39.7378,

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

138.6040, -39.7378, 5.6093

Protanopia

139.9370, -41.3809, 19.3493

Deuteranopia

141.8940, -39.3877, 33.4190



Tritanopia

146.2550, 3.3253, 6.7924

Trichromacy



Original Color

138.6040, -39.7378, 5.6093

Protanomaly

139.4310, -40.6385, 14.5310

Deuteranomaly

140.8280, -39.3552, 22.9528

Tritanomaly

143.7160, -12.6780, 6.3881

Monochromacy



Original Color

138.6040, -39.7378, 5.6093

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.6400, -14.1195, 2.0697

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.6040, -39.7378, 5.6093 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(145, 151, 58)` looks like.

```
.text, #text, p{  
    color:rgb(145, 151, 58)  
}
```

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(145, 151, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 151, 58) }
```

Border

The CSS property to change the border of an element to YUV 138.6040, -39.7378, 5.6093 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(145, 151, 58) }
```


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

```
.border{ border-color:rgb(145, 151, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 151, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 151, 58); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 151, 58); box-shadow:4px 4px 4px 4px rgb(145, 151, 58) }
```

Background

The CSS property to change the background color of an element to YUV 138.6040, -39.7378, 5.6093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 151, 58) }
```

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

```
.background{ background-color: rgb(145,  
151, 58) }
```

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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