

Converting Colors

YUV(138.5340, 33.7537, 0.4087)

Have a look what the booklet for
YUV(138.5340, 33.7537, 0.4087)
contains.

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Color

**YUV(138.5340, 33.7537,
0.4087)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7DCF
RGB	139, 125, 207
RGB Percent	55%, 49%, 81%
CMY	0.4549, 0.5098, 0.1882
CMYK	0.33, 0.40, 0.00, 0.19
HSL	250°, 46%, 65%
HSV	250°, 40%, 81%
XYZ	29.2436, 24.6612, 62.2503
YIQ	138.5340, -17.9780, 28.4700

Conversions

Conversions Part 2

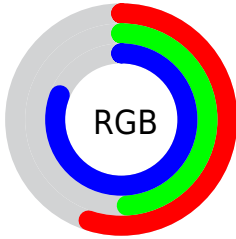
Format	Color
RYB	139, 125, 207
Decimal	9141711
CIELab	56.74, 24.00, -40.57
CIElCh	57, 47.138, 300.601
Yxy	24.6612, 0.2518, 0.2123
Android (android.graphics.Color)	4287331791 (0xFF8B7DCF)
YUV	138.5340, 33.7537, 0.4087
Hunter-Lab	49.6600, 18.2091, -39.5597

Details

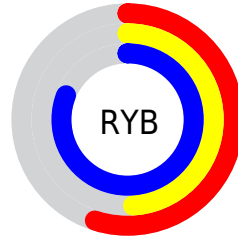
The YUV color $138.5340, 33.7537, 0.4087$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $193.4660, -33.7537, -0.4087$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.5620, 31.2749, 2.1381$, and $87.6540, 31.7226, -1.4506$ is the 20% darker color. If you saturate the color by 10%, you get $121.1240, 42.3369, 0.7683$, and if you desaturate by 10%, it is $155.9440, 25.1706, 0.0491$.

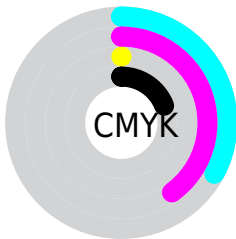
Distribution



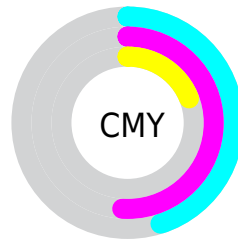
- Red (55%)
- Green (49%)
- Blue (81%)



- Red (55%)
- Yellow (49%)
- Blue (81%)



- Cyan (33%)
- Magenta (40%)
- Yellow (0%)
- Black (19%)



- Cyan (45%)
- Magenta (51%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.5340, 33.7537, 0.4087 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 138.5340, 33.7537, 0.4087 by changing the saturation by 10% instead.

■ 138.5340, 33.7537,
0.4087

■ 138.5340, 33.7537,
0.4087

■ 255.0000, 0.0000,
0.0000

■ 112.5940, 32.7382,
-0.5209

■ 191.5620, 31.2749,
2.1381

■ 87.6540, 31.7226,
-1.4506

■ 216.0820, 19.1866,
6.0671

■ 63.1160, 31.0018,
-3.6097

■ 241.1890, 6.8088,
9.4812

■ 39.7520, 29.7023,
-6.7985

■ 15.1210, 30.0133,
-13.2611

■ 6.0420, 23.1503,
-5.2988

■ 4.7080, 12.9620,

-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 138.5340, 33.7537,
0.4087

■ 138.5340, 33.7537,
0.4087

■ 121.1240, 42.3369,
0.7683

■ 155.9440, 25.1706,
0.0491

■ 104.3010, 50.6306,
0.6130

■ 172.7670, 16.8769,
0.2043

■ 86.8910, 59.2137,
0.9726

■ 190.1770, 8.2937,
-0.1552

■ 69.1820, 67.9443,
0.7174

■ 207.8860, -0.4368,
0.1000

■ 51.7720, 76.5274,
1.0770

■ 225.2960, -9.0199,
-0.2596

■ 34.9490, 84.8211,
0.9217

■ 242.1190,
-17.3137, -0.1044

■ 34.0630, 85.2579,
0.8217

■ 249.5280,
-20.9663, 4.7989

Harmonies

Analogous

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



122.8790, 46.8947, -61.2839



138.5340, 33.7537, 0.4087



140.0740, 18.2045, 41.1541

Triad

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



138.5340, 33.7537, 0.4087



134.3720, -34.2004, 49.6628



107.0760, 14.2595, -93.9057

Complementary

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



138.5340, 33.7537, 0.4087



193.4660, -33.7537, -0.4087

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.



118.7660, -12.2096, -50.6608



138.5340, 33.7537, 0.4087



131.8990, -40.3762, 23.7676

Square

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



138.5340, 33.7537, 0.4087



135.4830, -18.9721, 65.3514



127.7530, -32.4162, -9.4304



111.7500, 32.1683, -98.0047

Rectangle

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



138.5340, 33.7537, 0.4087



138.3830, 6.2202, 58.4231



127.7530, -32.4162, -9.4304



105.3660, 7.7076, -92.4060

Sweetspot

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



138.5340, 33.7537, 0.4087



229.3280, 12.6563, 0.5893



174.2640, 16.1388, -43.2045



112.9490, 7.4201, 0.0447



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.



138.5340, 33.7537, 0.4087



152.8880, 50.3412, 0.0982



150.7930, 27.7101, 25.6145



95.8520, 4.5100, 0.1298



27.8230, 69.1073, 1.0322



6.7670, 16.8769, 0.2043

Inverse Universe

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



157.2700, 17.6149, 43.6132



180.9920, 26.1329, 64.9050



181.2070, -27.7101, -25.6145



98.3150, 2.3097, 5.8627



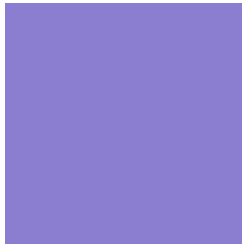
66.1920, 36.3873, 89.2856



16.1350, 8.8074, 21.8066

Previews

White Background



This preview shows how the YUV color 138.5340, 33.7537, 0.4087 looks on a white background.

Color Contrast Check

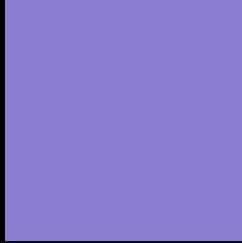
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.5340, 33.7537, 0.4087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

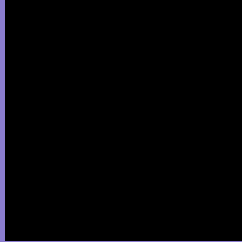
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.5340, 33.7537, 0.4087

Background



This preview shows how black text looks on a background with the YUV color 138.5340, 33.7537, 0.4087.



This preview shows how white text looks on a background with the YUV color 138.5340, 33.7537,

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

138.5340, 33.7537, 0.4087

Protanopia

134.1610, 39.3606, -24.6972

Deuteranopia

133.7110, 35.1455, -26.0565



Tritanopia

135.2640, 6.2788, -7.2475

Trichromacy



Original Color

138.5340, 33.7537, 0.4087

Protanomaly

135.6460, 37.1495, -15.4755

Deuteranomaly

135.3640, 34.8235, -16.1052

Tritanomaly

136.5060, 16.0195, -4.8288

Monochromacy



Original Color

138.5340, 33.7537, 0.4087

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.9150, 12.3669, 0.0745

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.5340, 33.7537, 0.4087 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(139, 125, 207)` looks like.

```
.text, #text, p{  
    color:rgb(139, 125, 207)  
}
```

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(139, 125, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 125, 207) }
```

Border

The CSS property to change the border of an element to YUV 138.5340, 33.7537, 0.4087 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(139, 125, 207) }
```


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

```
.border{ border-color:rgb(139, 125, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 125, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 125, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 125, 207);  
box-shadow:4px 4px 4px 4px rgb(139, 125,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 138.5340, 33.7537, 0.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 125, 207) }
```

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

```
.background{ background-color: rgb(139,  
125, 207) }
```

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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