

Converting Colors

YUV(136.2170, 21.0920, 1.5637)

Have a look what the booklet for
YUV(136.2170, 21.0920, 1.5637)
contains.

YUV(136.2170, 21.0920, 1.5637)	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(136.2170, 21.0920,
1.5637)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7FB3
RGB	138, 127, 179
RGB Percent	54%, 50%, 70%
CMY	0.4588, 0.5020, 0.2980
CMYK	0.23, 0.29, 0.00, 0.30
HSL	253°, 25%, 60%
HSV	253°, 29%, 70%
XYZ	26.2073, 23.8367, 45.8675
YIQ	136.2170, -10.1360, 18.5040

Conversions

Conversions Part 2

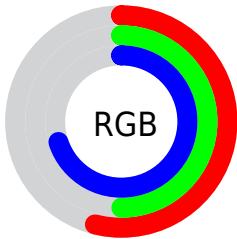
Format	Color
R_{YB}	138, 127, 179
Decimal	9076659
CIE _{Lab}	55.92, 15.42, -25.92
CIE _{LCh}	56, 30.159, 300.746
Yxy	23.8367, 0.2732, 0.2485
Android (android.graphics.Color)	4287266739 (0xFF8A7FB3)
YUV	136.2170, 21.0920, 1.5637
Hunter-Lab	48.8228, 10.3759, -21.5251

Details

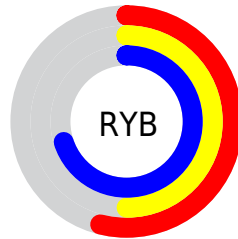
The YUV color $136.2170, 21.0920, 1.5637$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $169.7830, -21.0920, -1.5637$, and the grayscale version is $136.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $189.8580, 22.2550, 1.8785$, and $86.1630, 19.6396, 0.7340$ is the 20% darker color. If you saturate the color by 10%, you get $121.4650, 28.3648, 2.2232$, and if you desaturate by 10%, it is $150.9690, 13.8193, 0.9042$.

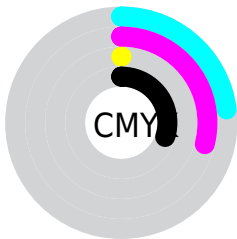
Distribution



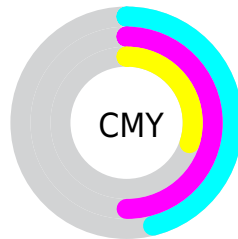
- Red (54%)
- Green (50%)
- Blue (70%)



- Red (54%)
- Yellow (50%)
- Blue (70%)



- Cyan (23%)
- Magenta (29%)
- Yellow (0%)
- Black (30%)



- Cyan (46%)
- Magenta (50%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.2170, 21.0920, 1.5637 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 136.2170, 21.0920, 1.5637 by changing the saturation by 10% instead.

■ 136.2170, 21.0920,
1.5637

■ 136.2170, 21.0920,
1.5637

■ 255.0000, 0.0000,
0.0000

■ 110.6900, 20.3658,
1.1489

■ 189.8580, 22.2550,
1.8785

■ 86.1630, 19.6396,
0.7340

■ 216.3590, 19.0500,
3.1932

■ 62.6360, 18.9135,
0.3192

■ 242.0530, 6.3829,
6.0925

■ 40.3970, 18.0453,
-1.2252

■ 18.5710, 17.4665,
-2.2548

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 136.2170, 21.0920,
1.5637

■ 136.2170, 21.0920,
1.5637

■ 121.4650, 28.3648,
2.2232

■ 150.9690, 13.8193,
0.9042

■ 106.7130, 35.6375,
2.8827

■ 165.7210, 6.5465,
0.2447

■ 91.9610, 42.9102,
3.5422

■ 180.4730, -0.7262,
-0.4148

■ 77.2090, 50.1830,
4.2017

■ 195.2250, -7.9989,
-1.0743

■ 62.7450, 57.3137,
3.7316

■ 210.2760,
-15.4191, -1.1191

■ 47.9930, 64.5865,
4.3911

■ 224.4410,
-22.4024, -1.2638

■ 33.2410, 71.8592,
5.0506

■ 239.1930,
-29.6751, -1.9233

■ 31.7680, 72.5854,
5.4655

■ 245.1400,
-32.6070, 5.1392

■ 246.3360,
-33.1966, 7.5983

Harmonies

Analogous

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



130.3380, 27.4414, -28.3604



136.2170, 21.0920, 1.5637



137.7380, 10.9752, 26.5398

Triad

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



136.2170, 21.0920, 1.5637



134.3620, -22.3635, 33.0085



119.7930, 7.0041, -53.3155

Complementary

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



136.2170, 21.0920, 1.5637



169.7830, -21.0920, -1.5637

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.



125.5220, -8.6383, -29.3988



136.2170, 21.0920, 1.5637



132.4540, -25.3668, 16.2648

Square

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



136.2170, 21.0920, 1.5637



135.5340, -13.0813, 42.5047



128.9890, -20.2076, -5.2524



114.0970, 22.6302, -71.9991

Rectangle

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



136.2170, 21.0920, 1.5637



137.6270, 2.6489, 37.1611



128.9890, -20.2076, -5.2524



122.0560, 1.4514, -45.6531

Sweetspot

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



136.2170, 21.0920, 1.5637



214.8890, 8.4357, 0.9743



157.5820, 10.5591, -26.8204



106.3790, 5.2362, 0.5446



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



136.2170, 21.0920, 1.5637



165.3170, 32.8747, 2.3530



143.6920, 17.4068, 16.9331



81.6240, 3.6364, 0.3298



27.0100, 62.1131, 4.3762



4.4590, 10.6197, 0.4745

Inverse Universe

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



147.2220, 10.2436, 27.8693



182.5150, 16.0151, 43.3983



162.3080, -17.4068, -16.9331



83.4890, 1.7309, 4.8331



59.5410, 30.2993, 81.9635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 136.2170, 21.0920, 1.5637 looks on a white background.

Color Contrast Check

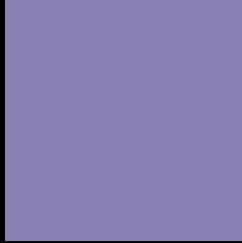
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.2170, 21.0920, 1.5637 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 136.2170, 21.0920, 1.5637

Background



This preview shows how black text looks on a background with the YUV color 136.2170, 21.0920, 1.5637.



This preview shows how white text looks on a background with the YUV color 136.2170, 21.0920,

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

136.2170, 21.0920, 1.5637

Protanopia

133.9270, 24.1930, -13.0910

Deuteranopia

134.5530, 21.4194, -10.1320



Tritanopia

134.5420, 4.6628, -2.2293

Trichromacy



Original Color

136.2170, 21.0920, 1.5637

Protanomaly

134.7320, 23.3031, -7.6580

Deuteranomaly

134.8740, 21.2611, -6.0285

Tritanomaly

134.8610, 10.9145, -0.7551

Monochromacy



Original Color

136.2170, 21.0920, 1.5637

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.3620, 7.7095, 0.5595

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.2170, 21.0920, 1.5637 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(138, 127, 179)` looks like.

```
.text, #text, p{  
    color:rgb(138, 127, 179)  
}
```

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(138, 127, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 127, 179) }
```

Border

The CSS property to change the border of an element to YUV 136.2170, 21.0920, 1.5637 is called "border". The border property can be set on classes, ids or directly on the HTML element.

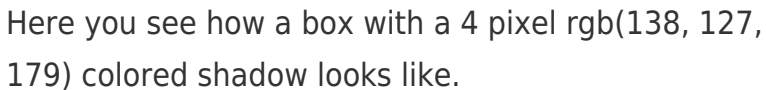
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 127, 179) }
```


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

```
.border{ border-color:rgb(138, 127, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 127, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 127, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 127, 179); box-shadow:4px 4px 4px 4px rgb(138, 127, 179) }
```

Background

The CSS property to change the background color of an element to YUV 136.2170, 21.0920, 1.5637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 127, 179) }
```

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

```
.background{ background-color: rgb(138,  
127, 179) }
```

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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