

Converting Colors

YUV(136.1010, 27.0652,
-0.9656)

Have a look what the booklet for
YUV(136.1010, 27.0652, -0.9656)
contains.

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Color

**YUV(136.1010, 27.0652,
-0.9656)**

Conversions

Conversions Part 1

Format	Color
Hex	877EBF
RGB	135, 126, 191
RGB Percent	53%, 49%, 75%
CMY	0.4706, 0.5059, 0.2510
CMYK	0.29, 0.34, 0.00, 0.25
HSL	248°, 34%, 62%
HSV	248°, 34%, 75%
XYZ	26.8565, 23.8342, 52.4752
YIQ	136.1010, -15.5010, 22.1230

Conversions

Conversions Part 2

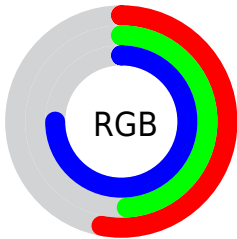
Format	Color
R_{YB}	135, 126, 191
Decimal	8879807
CIE _{Lab}	55.92, 18.09, -32.80
CIE _{LCh}	56, 37.463, 298.882
Yxy	23.8342, 0.2603, 0.2310
Android (android.graphics.Color)	4287069887 (0xFF877EBF)
YUV	136.1010, 27.0652, -0.9656
Hunter-Lab	48.8203, 12.7591, -29.5545

Details

The YUV color $136.1010, 27.0652, -0.9656$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $180.8990, -27.0652, 0.9656$, and the grayscale version is $136.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.1550, 28.5176, -0.1359$, and $85.6340, 25.3234, -2.3100$ is the 20% darker color. If you saturate the color by 10%, you get $120.1640, 34.9221, -1.0208$, and if you desaturate by 10%, it is $152.0380, 19.2083, -0.9103$.

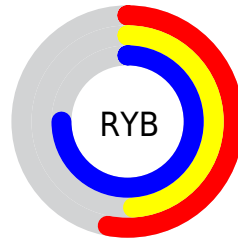
Distribution



Red (53%)

Green (49%)

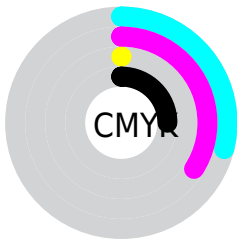
Blue (75%)



Red (53%)

Yellow (49%)

Blue (75%)

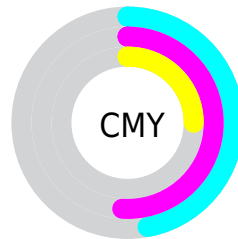


Cyan (29%)

Magenta (34%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (51%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.1010, 27.0652, -0.9656 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 136.1010, 27.0652, -0.9656 by changing the saturation by 10% instead.

■ 136.1010, 27.0652,
-0.9656

■ 136.1010, 27.0652,
-0.9656

■ 255.0000, 0.0000,
0.0000

■ 110.5740, 26.3390,
-1.3804

■ 190.1550, 28.5176,
-0.1359

■ 85.6340, 25.3234,
-2.3100

■ 215.1740, 19.6342,
2.4784

■ 61.8080, 24.7447,
-3.3396

■ 240.2810, 7.2565,
5.8926

■ 39.1560, 23.5871,
-5.3988

■ 15.4220, 23.4560,
-10.0171

■ 5.8480, 17.3299,
-5.1287

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 136.1010, 27.0652,
-0.9656

■ 136.1010, 27.0652,
-0.9656

■ 120.1640, 34.9221,
-1.0208

■ 152.0380, 19.2083,
-0.9103

■ 103.9280, 42.9265,
-1.6909

■ 168.2740, 11.2039,
-0.2403

■ 87.9910, 50.7834,
-1.7461

■ 184.2110, 3.3470,
-0.1850

■ 71.7550, 58.7878,
-2.4161

■ 200.4470, -4.6574,
0.4850

■ 55.8180, 66.6447,
-2.4714

■ 216.3840,
-12.5143, 0.5402

■ 38.9950, 74.9385,
-2.6266

■ 233.2070,
-20.8081, 0.6955

■ 29.5480, 79.5958,
-3.1116

■ 246.2090,
-27.2180, 3.3247

■ 247.7040,
-27.9551, 6.3986

Harmonies

Analogous

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



127.0140, 35.4891, -42.9853



136.1010, 27.0652, -0.9656



137.7970, 14.8901, 30.8730

Triad

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



136.1010, 27.0652, -0.9656



133.5650, -26.9005, 41.6005



108.4690, 11.6008, -81.0953

Complementary

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



136.1010, 27.0652, -0.9656



180.8990, -27.0652, 0.9656

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.



122.6800, -11.6742, -35.6764



136.1010, 27.0652, -0.9656



131.5810, -31.3454, 20.5385

Square

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



136.1010, 27.0652, -0.9656



134.7310, -15.1504, 52.8559



127.7950, -26.0279, -5.0822



106.7460, 28.2262, -93.6162

Rectangle

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



136.1010, 27.0652, -0.9656



137.3660, 5.2426, 45.2830



127.7950, -26.0279, -5.0822



115.7830, 2.0790, -60.3227

Sweetspot

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



136.1010, 27.0652, -0.9656



226.6330, 10.0409, -0.5551



166.2820, 12.1860, -35.3273



112.3080, 6.2572, -0.2701



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



136.1010, 27.0652, -0.9656



161.7000, 42.0529, -1.4909



145.6690, 22.3482, 18.7073



86.3250, 3.7838, -0.2850



24.5900, 65.7711, -2.2714



4.7300, 12.9511, -0.6402

Inverse Universe

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



151.8190, 14.8792, 34.3617



186.1170, 23.1133, 53.3944



171.3310, -22.3482, -18.7073



88.6030, 2.1677, 4.7332



62.7460, 36.1142, 83.5378



12.2330, 6.7871, 16.4587

Previews

White Background



This preview shows how the YUV color 136.1010, 27.0652, -0.9656 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 136.1010, 27.0652, -0.9656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

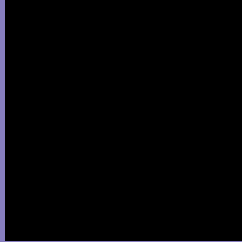
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.1010, 27.0652, -0.9656

Background



This preview shows how black text looks on a background with the YUV color 136.1010, 27.0652, -0.9656.



This preview shows how white text looks on a background with the YUV color 136.1010, 27.0652, -0.9656.

-0.9656.

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

136.1010, 27.0652, -0.9656

Protanopia

133.6150, 30.7558, -18.0794

Deuteranopia

133.8170, 27.6982, -17.3795



Tritanopia

133.5630, 6.1314, -6.6328

Trichromacy



Original Color

136.1010, 27.0652, -0.9656

Protanomaly

134.6050, 29.2817, -11.9316

Deuteranomaly

134.4480, 27.3871, -10.9169

Tritanomaly

134.5230, 13.5462, -4.8437

Monochromacy



Original Color

136.1010, 27.0652, -0.9656

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9320, 9.8935, 0.0596

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.1010, 27.0652, -0.9656 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(135, 126, 191)` looks like.

```
.text, #text, p{  
    color:rgb(135, 126, 191)  
}
```

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(135, 126, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 126, 191) }
```

Border

The CSS property to change the border of an element to YUV 136.1010, 27.0652, -0.9656 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(135, 126, 191) }
```


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

```
.border{ border-color:rgb(135, 126, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 126, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 126, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 126, 191);  
box-shadow:4px 4px 4px 4px rgb(135, 126,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 136.1010, 27.0652, -0.9656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 126, 191) }
```

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

```
.background{ background-color: rgb(135,  
126, 191) }
```

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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