

Converting Colors

YUV(136.2430, 25.0232, 0.6639)

Have a look what the booklet for
YUV(136.2430, 25.0232, 0.6639)
contains.

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Color

**YUV(136.2430, 25.0232,
0.6639)**

Conversions

Conversions Part 1

Format	Color
Hex	897EBB
RGB	137, 126, 187
RGB Percent	54%, 49%, 73%
CMY	0.4627, 0.5059, 0.2667
CMYK	0.27, 0.33, 0.00, 0.27
HSL	251°, 31%, 61%
HSV	251°, 33%, 73%
XYZ	26.7470, 23.8279, 50.2032
YIQ	136.2430, -13.0250, 21.3030

Conversions

Conversions Part 2

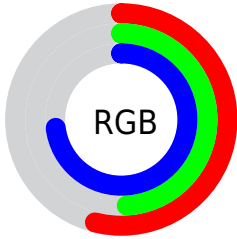
Format	Color
R_{YB}	137, 126, 187
Decimal	9010875
CIE _{Lab}	55.92, 17.68, -30.52
CIE _{LCh}	56, 35.267, 300.079
Yxy	23.8279, 0.2654, 0.2364
Android (android.graphics.Color)	4287200955 (0xFF897EBB)
YUV	136.2430, 25.0232, 0.6639
Hunter-Lab	48.8139, 12.3829, -26.8079

Details

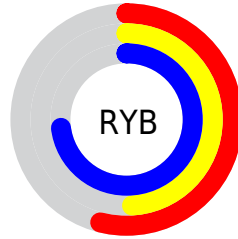
The YUV color $136.2430, 25.0232, 0.6639$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $176.7570, -25.0232, -0.6639$, and the grayscale version is $136.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $189.8840, 26.1862, 0.9787$, and $85.7760, 23.2814, -0.6806$ is the 20% darker color. If you saturate the color by 10%, you get $120.6050, 32.7327, 1.2234$, and if you desaturate by 10%, it is $151.8810, 17.3137, 0.1044$.

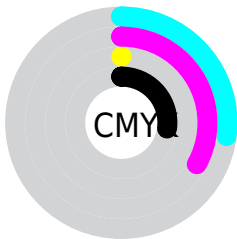
Distribution



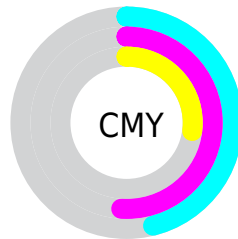
- Red (54%)
- Green (49%)
- Blue (73%)



- Red (54%)
- Yellow (49%)
- Blue (73%)



- Cyan (27%)
- Magenta (33%)
- Yellow (0%)
- Black (27%)



- Cyan (46%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.2430, 25.0232, 0.6639 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 136.2430, 25.0232, 0.6639 by changing the saturation by 10% instead.

■ 136.2430, 25.0232,
0.6639

■ 136.2430, 25.0232,
0.6639

■ 255.0000, 0.0000,
0.0000

■ 110.7160, 24.2970,
0.2491

■ 189.8840, 26.1862,
0.9787

■ 85.7760, 23.2814,
-0.6806

■ 215.7720, 19.3394,
3.7080

■ 62.2490, 22.5552,
-1.0954

■ 240.8790, 6.9617,
7.1221

■ 39.5970, 21.3977,
-3.1546

■ 16.8740, 21.2611,
-6.0285

■ 5.5060, 16.0195,
-4.8288

■ 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 136.2430, 25.0232,
0.6639

■ 136.2430, 25.0232,
0.6639

■ 120.6050, 32.7327,
1.2234

■ 151.8810, 17.3137,
0.1044

■ 105.2550, 40.3003,
0.6534

■ 167.2310, 9.7461,
0.6744

■ 89.6170, 48.0098,
1.2129

■ 182.8690, 2.0366,
0.1149

■ 73.9790, 55.7194,
1.7724

■ 198.5070, -5.6730,
-0.4446

■ 58.6290, 63.2869,
1.2024

■ 213.8570,
-13.2405, 0.1254

■ 42.9910, 70.9964,
1.7619

■ 229.4950,
-20.9500, -0.4341

■ 31.4840, 76.6694,
2.2065

■ 243.9590,
-28.0808, 0.0360

■ 247.2480,
-29.7023, 6.7985

Harmonies

Analogous

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



128.3630, 32.8520, -37.1524



136.2430, 25.0232, 0.6639



137.7430, 13.4377, 30.0434

Triad

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



136.2430, 25.0232, 0.6639



133.5970, -25.4373, 38.9414



113.0790, 9.8211, -70.2293

Complementary

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



136.2430, 25.0232, 0.6639



176.7570, -25.0232, -0.6639

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.



123.0330, -10.3693, -34.2319



136.2430, 25.0232, 0.6639



131.4390, -29.3034, 18.9090

Square

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



136.2430, 25.0232, 0.6639



135.1220, -14.8501, 49.8820



128.3650, -23.8439, -5.5821



106.1590, 28.5156, -93.1014

Rectangle

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



136.2430, 25.0232, 0.6639



137.4150, 4.2324, 42.6090



128.3650, -23.8439, -5.5821



117.5170, 2.2101, -55.7044

Sweetspot

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



136.2430, 25.0232, 0.6639



221.9320, 9.8935, 0.0596



162.8910, 11.8857, -32.3534



110.1940, 5.8204, -0.1701



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



136.2430, 25.0232, 0.6639



163.7990, 38.5531, 1.0533



145.2130, 20.6010, 19.1072



86.6240, 3.6364, 0.3298



26.6830, 64.7393, 2.0320



5.3280, 12.6563, 0.5893

Inverse Universe

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



149.9390, 12.8481, 32.5025



184.8840, 19.7772, 50.0907



167.7870, -20.6010, -19.1072



88.6030, 2.1677, 4.7332



62.0620, 33.4934, 84.1376



12.1190, 6.3503, 16.5586

Previews

White Background



This preview shows how the YUV color 136.2430, 25.0232, 0.6639 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 136.2430, 25.0232, 0.6639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

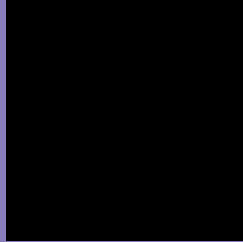
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.2430, 25.0232, 0.6639

Background



This preview shows how black text looks on a background with the YUV color 136.2430, 25.0232, 0.6639.



This preview shows how white text looks on a background with the YUV color 136.2430, 25.0232,

0.6639.

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

136.2430, 25.0232, 0.6639

Protanopia

133.7570, 28.7138, -16.4499

Deuteranopia

133.6710, 25.7982, -14.6205



Tritanopia

133.7590, 5.5418, -4.1736

Trichromacy



Original Color

136.2430, 25.0232, 0.6639

Protanomaly

134.7470, 27.2397, -10.3021

Deuteranomaly

134.5900, 25.3451, -9.2874

Tritanomaly

134.6050, 12.5197, -2.2846

Monochromacy



Original Color

136.2430, 25.0232, 0.6639

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.8180, 9.4567, 0.1596

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.2430, 25.0232, 0.6639 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(137, 126, 187)` looks like.

```
.text, #text, p{  
  color:rgb(137, 126, 187)  
}
```

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(137, 126, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 126, 187) }
```

Border

The CSS property to change the border of an element to YUV 136.2430, 25.0232, 0.6639 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(137, 126, 187) }
```


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

```
.border{ border-color:rgb(137, 126, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 126, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 126, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 126, 187);  
box-shadow:4px 4px 4px 4px rgb(137, 126,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 136.2430, 25.0232, 0.6639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 126, 187) }
```

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

```
.background{ background-color: rgb(137,  
126, 187) }
```

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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