

Converting Colors

YUV(137.4950, 26.3780,
32.8919)

Have a look what the booklet for
YUV(137.4950, 26.3780, 32.8919)
contains.

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Color

**YUV(137.4950, 26.3780,
32.8919)**

Conversions

Conversions Part 1

Format	Color
Hex	AF6CBF
RGB	175, 108, 191
RGB Percent	69%, 42%, 75%
CMY	0.3137, 0.5765, 0.2510
CMYK	0.08, 0.43, 0.00, 0.25
HSL	288°, 39%, 59%
HSV	288°, 43%, 75%
XYZ	32.4457, 23.6007, 52.1355
YIQ	137.4950, 13.2890, 40.0170

Conversions

Conversions Part 2

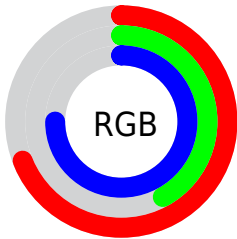
Format	Color
RYB	175, 108, 191
Decimal	11496639
CIELab	55.69, 40.45, -32.87
CIELCh	56, 52.124, 320.904
Yxy	23.6007, 0.2999, 0.2182
Android (android.graphics.Color)	4289686719 (0xFFAF6CBF)
YUV	137.4950, 26.3780, 32.8919
Hunter-Lab	48.5805, 34.1998, -29.6223

Details

The YUV color **137.4950, 26.3780, 32.8919** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **161.5050, -26.3780, -32.8919**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1470, 27.5355, 34.9511**, and **85.8430, 25.2204, 30.8327** is the 20% darker color. If you saturate the color by 10%, you get **125.1460, 32.4660, 40.2140**, and if you desaturate by 10%, it is **149.8440, 20.2899, 25.5698**.

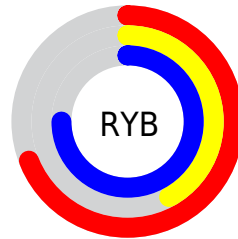
Distribution



Red (69%)

Green (42%)

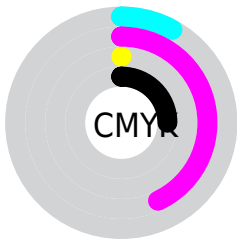
Blue (75%)



Red (69%)

Yellow (42%)

Blue (75%)

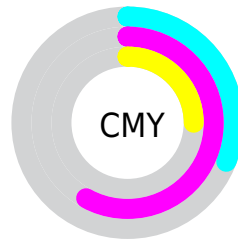


Cyan (8%)

Magenta (43%)

Yellow (0%)

Black (25%)



Cyan (31%)

Magenta (58%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.4950, 26.3780, 32.8919 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 137.4950, 26.3780, 32.8919 by changing the saturation by 10% instead.


 137.4950, 26.3780,
32.8919


 137.4950, 26.3780,
32.8919


255.0000, 0.0000,
0.0000


 111.6690, 25.7992,
31.8623


 192.1470, 27.5355,
34.9511


 85.8430, 25.2204,
30.8327


 216.2580, 19.0998,
33.9767


 60.4300, 24.9310,
30.3179

 232.6940, 10.9969,
19.5624

 32.8970, 26.6728,
31.6623

 249.7170, 2.6045,
4.6332

 20.6370, 20.8850,
21.3664

 10.6540, 14.9606,
8.1964

 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 137.4950, 26.3780,
32.8919

■ 137.4950, 26.3780,
32.8919

■ 125.1460, 32.4660,
40.2140

■ 149.8440, 20.2899,
25.5698

■ 113.0960, 38.4067,
48.1508

■ 161.8940, 14.3493,
17.6330

■ 100.7470, 44.4947,
55.4729

■ 174.2430, 8.2612,
10.3109

■ 88.3980, 50.5828,
62.7950

■ 186.5920, 2.1731,
2.9888

■ 75.7610, 56.8128,
71.2466

■ 198.6420, -3.7675,
-4.9480

67.8200, 60.7277,
75.5799

211.5780,
-10.1450, -12.7849

223.9270,
-16.2330, -20.1070

232.4550,
-20.4373, -24.9550

233.6510,
-21.0269, -22.4959

Harmonies

Analogous

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



132.2910, 42.2545, -19.5492



137.4950, 26.3780, 32.8919



134.0680, 7.3615, 65.7154

Triad

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



137.4950, 26.3780, 32.8919



128.8250, -44.7767, 35.2335



109.6810, 26.7793, -96.1902

Complementary

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



137.4950, 26.3780, 32.8919



161.5050, -26.3780, -32.8919

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.



104.4370, 6.6866, -91.5912



137.4950, 26.3780, 32.8919



125.5280, -41.1793, 1.2909

Square

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



137.4950, 26.3780, 32.8919



131.3780, -33.2174, 61.0585



117.6010, -21.9883, -40.8691



112.3660, 44.6826, -98.5450

Rectangle

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



137.4950, 26.3780, 32.8919



132.1540, -6.4849, 73.5329



117.6010, -21.9883, -40.8691



107.9710, 20.2273, -94.6906

Sweetspot

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



137.4950, 26.3780, 32.8919



226.4220, 10.1450, 12.7849



127.4410, 31.3346, -17.0498



112.0640, 6.3774, 7.8369



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.



137.4950, 26.3780, 32.8919



164.6880, 40.5798, 51.1396



139.4290, 13.0995, 45.2278



88.4180, 2.7519, 4.0184



56.2840, 50.1460, 62.8949



11.0090, 9.8556, 12.2701

Inverse Universe

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



134.6410, -5.2460, 49.4268



160.1220, -7.9481, 76.1920



159.5710, -13.0995, -45.2278



87.9190, -0.4531, 5.3330



50.6620, -10.1864, 94.1354



9.9530, -1.9488, 18.4582

Previews

White Background



This preview shows how the YUV color 137.4950, 26.3780, 32.8919 looks on a white background.

Color Contrast Check

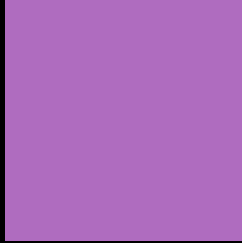
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.4950, 26.3780, 32.8919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

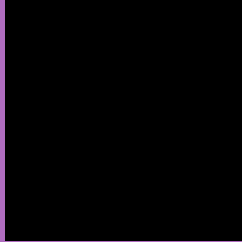
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.4950, 26.3780, 32.8919

Background



This preview shows how black text looks on a background with the YUV color 137.4950, 26.3780, 32.8919.



This preview shows how white text looks on a background with the YUV color 137.4950, 26.3780, 32.8919.

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

137.4950, 26.3780, 32.8919

Protanopia

131.9330, 38.4870, -24.4972

Deuteranopia

133.3720, 25.9456, -15.2352



Tritanopia

135.5950, -2.2653, 26.6652

Trichromacy



Original Color

137.4950, 26.3780, 32.8919



Protanomaly

134.2130, 33.9120, -3.6948



Deuteranomaly

134.5960, 26.3282, 2.1083



Tritanomaly

136.0650, 8.3490, 28.8840

Monochromacy



Original Color

137.4950, 26.3780, 32.8919



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

137.0090, 9.8556, 12.2701

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.4950, 26.3780, 32.8919 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(175, 108, 191)` looks like.

```
.text, #text, p{  
    color:rgb(175, 108, 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(175, 108, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 108, 191) }
```

Border

The CSS property to change the border of an element to YUV 137.4950, 26.3780, 32.8919 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(175, 108, 191) }
```


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

```
.border{ border-color:rgb(175, 108, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 108, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 108, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 108, 191);  
box-shadow:4px 4px 4px 4px rgb(175, 108,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 137.4950, 26.3780, 32.8919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 108, 191) }
```

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

```
.background{ background-color: rgb(175,  
108, 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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