

Converting Colors

YUV(137.0460, 17.2323,
26.2697)

Have a look what the booklet for
YUV(137.0460, 17.2323, 26.2697)
contains.

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Color

**YUV(137.0460, 17.2323,
26.2697)**

Conversions

Conversions Part 1

Format	Color
Hex	A773AC
RGB	167, 115, 172
RGB Percent	65%, 45%, 67%
CMY	0.3451, 0.5490, 0.3255
CMYK	0.03, 0.33, 0.00, 0.33
HSL	295°, 26%, 56%
HSV	295°, 33%, 67%
XYZ	29.5135, 23.4555, 42.0016
YIQ	137.0460, 12.6950, 28.7510

Conversions

Conversions Part 2

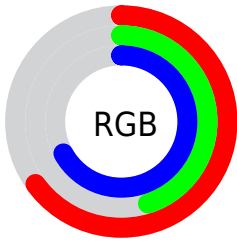
Format	Color
RYB	167, 115, 172
Decimal	10974124
CIELab	55.54, 30.23, -22.25
CIELCh	56, 37.532, 323.646
Yxy	23.4555, 0.3108, 0.2470
Android (android.graphics.Color)	4289164204 (0xFFA773AC)
YUV	137.0460, 17.2323, 26.2697
Hunter-Lab	48.4309, 24.0227, -17.5175

Details

The YUV color **137.0460, 17.2323, 26.2697** is a light color, and the websafe version is hex **996699**. A complement of this color would be **149.9540, -17.2323, -26.2697**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2850, 18.1005, 27.8141**, and **86.5080, 16.5116, 24.1105** is the 20% darker color. If you saturate the color by 10%, you get **126.4690, 22.4468, 33.7917**, and if you desaturate by 10%, it is **147.6230, 12.0179, 18.7476**.

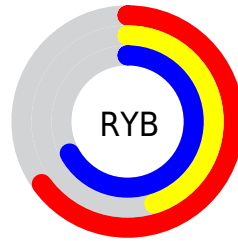
Distribution



Red (65%)

Green (45%)

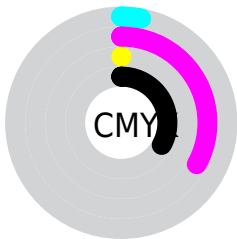
Blue (67%)



Red (65%)

Yellow (45%)

Blue (67%)

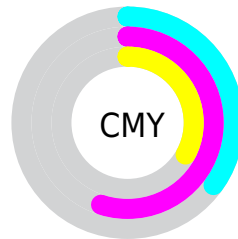


Cyan (3%)

Magenta (33%)

Yellow (0%)

Black (33%)



Cyan (35%)


Magenta (55%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.0460, 17.2323, 26.2697 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 137.0460, 17.2323, 26.2697 by changing the saturation by 10% instead.


 137.0460, 17.2323,
26.2697


 137.0460, 17.2323,
26.2697


255.0000, 0.0000,
0.0000


 111.2200, 16.6535,
25.2401


 191.2850, 18.1005,
27.8141

 86.5080, 16.5116,
24.1105


 218.8830, 17.8057,
29.0436


 62.0950, 16.2222,
23.5957

 236.2160, 9.2605,
16.4736

 38.3830, 16.0802,
22.4661

 253.2390, 0.8682,
1.5444

 17.7310, 14.9226,
20.4069

 6.6660, 10.0247,
4.6779

 0.0000, 0.0000,

0.0000

■ 137.0460, 17.2323,
26.2697

■ 137.0460, 17.2323,
26.2697

■ 126.4690, 22.4468,
33.7917

■ 147.6230, 12.0179,
18.7476

■ 116.1910, 27.5138,
41.9285

■ 157.9010, 6.9508,
10.6108

■ 105.0270, 33.0177,
49.9653

■ 169.0650, 1.4470,
2.5740

■ 94.7490, 38.0847,
58.1021

■ 179.3430, -3.6201,
-5.5628

■ 84.1720, 43.2992,
65.6242

■ 189.9200, -8.8346,
-13.0848

■ 73.8940, 48.3663,
73.7610

■ 200.1980,
-13.9016, -21.2216

■ 66.5510, 51.9864,
79.3238

■ 210.7750,
-19.1161, -28.7437

■ 221.6400,
-24.4725, -37.3953

■ 223.4120,
-25.3461, -37.1953

Harmonies

Analogous

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



133.9260, 29.1235, -7.8281



137.0460, 17.2323, 26.2697



135.6930, 2.6164, 47.6272

Triad

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



137.0460, 17.2323, 26.2697



130.9020, -31.5037, 24.6419



106.0620, 25.6054, -93.0164

Complementary

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



137.0460, 17.2323, 26.2697



149.9540, -17.2323, -26.2697

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.



112.1670, 6.3267, -69.4295



137.0460, 17.2323, 26.2697



127.7740, -27.4966, -0.6788

Square

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



137.0460, 17.2323, 26.2697



132.7440, -25.0168, 44.0745



122.9150, -14.7481, -29.7435



106.7920, 38.5565, -93.6566

Rectangle

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



137.0460, 17.2323, 26.2697



134.6800, -7.7302, 52.9006



122.9150, -14.7481, -29.7435



104.8080, 20.8007, -91.9166

Sweetspot

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



137.0460, 17.2323, 26.2697



210.4880, 6.6614, 10.0960



125.0200, 23.1611, -8.7875



104.0700, 3.9095, 6.0776



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



137.0460, 17.2323, 26.2697



169.6640, 26.7876, 41.5137



135.9190, 6.4489, 31.6430



81.4180, 2.7519, 4.0184



58.0630, 45.3249, 69.2277



8.9010, 6.9508, 10.6108

Inverse Universe

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



132.6130, -6.2182, 34.5424



162.5230, -9.6248, 53.9153



151.0810, -6.4489, -31.6430



80.8050, -0.8899, 5.4330



46.3320, -16.4327, 90.9168



7.1050, -2.5168, 13.9399

Previews

White Background



This preview shows how the YUV color 137.0460, 17.2323, 26.2697 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 137.0460, 17.2323, 26.2697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

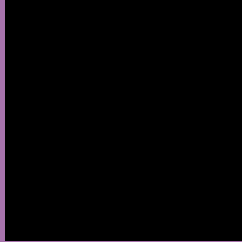
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.0460, 17.2323, 26.2697

Background



This preview shows how black text looks on a background with the YUV color 137.0460, 17.2323, 26.2697.



This preview shows how white text looks on a background with the YUV color 137.0460, 17.2323, 26.2697.

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

137.0460, 17.2323, 26.2697

Protanopia

133.7420, 24.7772, -13.8057

Deuteranopia

134.4350, 17.0405, -5.6435



Tritanopia

135.6870, -1.8177, 23.0765

Trichromacy



Original Color

137.0460, 17.2323, 26.2697

Protanomaly

135.1460, 22.1130, 0.7490

Deuteranomaly

135.2130, 17.1500, 5.9522

Tritanomaly

136.2340, 5.3076, 24.3508

Monochromacy



Original Color

137.0460, 17.2323, 26.2697

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0750, 6.3720, 9.5812

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.0460, 17.2323, 26.2697 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(167, 115, 172)` looks like.

```
.text, #text, p{  
    color:rgb(167, 115, 172)  
}
```

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(167, 115, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 115, 172) }
```

Border

The CSS property to change the border of an element to YUV 137.0460, 17.2323, 26.2697 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(167, 115, 172) }
```


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

```
.border{ border-color:rgb(167, 115, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 115, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 115, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 115, 172);  
box-shadow:4px 4px 4px 4px rgb(167, 115,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 137.0460, 17.2323, 26.2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 115, 172) }
```

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

```
.background{ background-color: rgb(167,  
115, 172) }
```

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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