

Converting Colors

YUV(137.1250, 7.3334, 27.9544)

Have a look what the booklet for
YUV(137.1250, 7.3334, 27.9544)
contains.

YUV(137.1250, 7.3334, 27.9544)	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(137.1250, 7.3334,
27.9544)**

Conversions

Conversions Part 1

Format	Color
Hex	A97698
RGB	169, 118, 152
RGB Percent	66%, 46%, 60%
CMY	0.3373, 0.5373, 0.4039
CMYK	0.00, 0.30, 0.10, 0.34
HSL	320°, 23%, 56%
HSV	320°, 30%, 66%
XYZ	28.5081, 23.6589, 32.7698
YIQ	137.1250, 19.4820, 21.3860

Conversions

Conversions Part 2

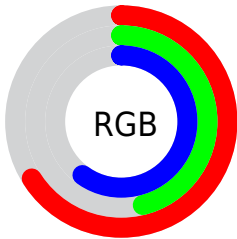
Format	Color
R _Y B	169, 118, 152
Decimal	11105944
CIE Lab	55.74, 25.45, -10.33
CIE LCh	56, 27.466, 337.903
Yxy	23.6589, 0.3356, 0.2785
Android (android.graphics.Color)	4289296024 (0xFFA97698)
YUV	137.1250, 7.3334, 27.9544
Hunter-Lab	48.6404, 19.4981, -5.8964

Details

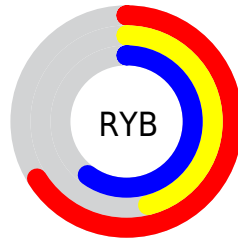
The YUV color $137.1250, 7.3334, 27.9544$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $149.8750, -7.3334, -27.9544$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.1360, 7.3280, 29.6987$, and $86.7010, 7.0494, 25.6952$ is the 20% darker color. If you saturate the color by 10%, you get $126.4620, 9.6322, 37.3058$, and if you desaturate by 10%, it is $147.7880, 5.0345, 18.6029$.

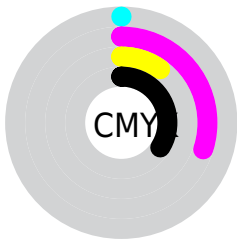
Distribution



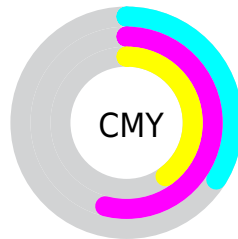
- Red (66%)
- Green (46%)
- Blue (60%)



- Red (66%)
- Yellow (46%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (10%)
- Black (34%)





- Cyan (34%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.1250, 7.3334, 27.9544 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 137.1250, 7.3334, 27.9544 by changing the saturation by 10% instead.


 137.1250, 7.3334,
27.9544


 137.1250, 7.3334,
27.9544


255.0000, 0.0000,
0.0000

 111.4130, 7.1914,
26.8248


 191.1360, 7.3280,
29.6987


 86.7010, 7.0494,
25.6952


 218.8480, 7.4699,
30.8283

 62.4020, 7.1968,
25.0804

 237.9770, 8.3923,
14.9292

 39.3910, 7.2022,
23.3361

 16.6190, 8.0758,
23.1361

 5.0980, 1.4307,
7.8071

 0.0000, 0.0000,

0.0000

■ 137.1250, 7.3334,
27.9544

■ 137.1250, 7.3334,
27.9544

■ 126.4620, 9.6322,
37.3058

■ 147.7880, 5.0345,
18.6029

■ 115.9130, 12.3679,
46.5573

■ 158.3370, 2.2989,
9.3515

■ 105.2500, 14.6668,
55.9087

■ 169.0000, 0.0000,
0.0000

■ 94.5870, 16.9656,
65.2602

■ 179.6630, -2.2989,
-9.3515

■ 84.0380, 19.7013,
74.5117

■ 189.6250, -4.7451,
-18.0881

■ 73.9620, 21.7107,
83.3483

■ 200.2880, -7.0440,
-27.4396

63.4130, 24.4464,
92.5998

210.8370, -9.7796,
-36.6910

221.5000,
-12.0785, -46.0425

223.3580,
-10.0365, -47.6720

Harmonies

Analogous

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



136.2240, 17.1446, 7.6966



137.1250, 7.3334, 27.9544



135.9170, -3.9031, 38.6608

Triad

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



137.1250, 7.3334, 27.9544



131.5180, -22.4404, 10.9467



119.1310, 21.1344, -58.8739

Complementary

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



137.1250, 7.3334, 27.9544



149.8750, -7.3334, -27.9544

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.



120.6730, 9.0352, -51.4562



137.1250, 7.3334, 27.9544



128.8790, -16.7023, -9.5409

Square

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



137.1250, 7.3334, 27.9544



133.5570, -21.4736, 27.5755



124.8360, -4.8491, -31.4282



125.0710, 25.6010, -44.7893

Rectangle

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



137.1250, 7.3334, 27.9544



135.2670, -11.4706, 39.2308



124.8360, -4.8491, -31.4282



118.9200, 17.7874, -58.6888

Sweetspot

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



137.1250, 7.3334, 27.9544



207.1630, 2.8776, 10.3810



128.8970, 19.7708, 5.3523



102.5000, 1.7255, 6.5775



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



137.1250, 7.3334, 27.9544



169.6630, 11.5051, 43.2685



134.2750, -3.5866, 30.4538



78.9620, 1.0047, 4.4183



55.5380, 21.4268, 81.0892



7.5760, 3.1670, 10.8958

Inverse Universe

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



137.1250, 7.3334, 27.9544



169.6630, 11.5051, 43.2685



152.7250, 3.5866, -30.4538



78.9620, 1.0047, 4.4183



55.5380, 21.4268, 81.0892



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 137.1250, 7.3334, 27.9544 looks on a white background.

Color Contrast Check

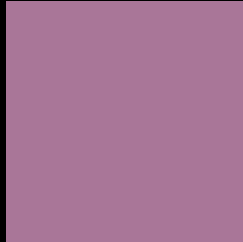
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.1250, 7.3334, 27.9544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

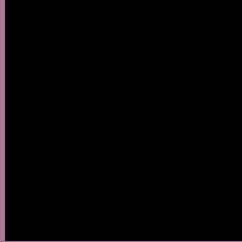
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.1250, 7.3334, 27.9544

Background



This preview shows how black text looks on a background with the YUV color 137.1250, 7.3334, 27.9544.



This preview shows how white text looks on a background with the YUV color 137.1250, 7.3334,

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

137.1250, 7.3334, 27.9544

Protanopia

134.8110, 13.4042, -5.9732

Deuteranopia

134.9710, 7.4093, 3.5334



Tritanopia

136.1820, -2.5547, 26.1504

Trichromacy



Original Color

137.1250, 7.3334, 27.9544

Protanomaly

135.9050, 10.8928, 6.2223

Deuteranomaly

136.0260, 7.3822, 12.2552

Tritanomaly

136.8060, 1.0816, 26.4801

Monochromacy



Original Color

137.1250, 7.3334, 27.9544

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0490, 2.4408, 10.4810

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1250, 7.3334, 27.9544 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(169, 118, 152)` looks like.

```
.text, #text, p{  
    color:rgb(169, 118, 152)  
}
```

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(169, 118, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 118, 152) }
```

Border

The CSS property to change the border of an element to YUV 137.1250, 7.3334, 27.9544 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(169, 118, 152) }
```


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

```
.border{ border-color:rgb(169, 118, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 118, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 118, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 118, 152);  
box-shadow:4px 4px 4px 4px rgb(169, 118,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 137.1250, 7.3334, 27.9544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 118, 152) }
```

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

```
.background{ background-color: rgb(169,  
118, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor