

Converting Colors

YUV(137.3650, 20.0331,
14.5889)

Have a look what the booklet for
YUV(137.3650, 20.0331, 14.5889)
contains.

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Color

**YUV(137.3650, 20.0331,
14.5889)**

Conversions

Conversions Part 1

Format	Color
Hex	9A79B2
RGB	154, 121, 178
RGB Percent	60%, 47%, 70%
CMY	0.3961, 0.5255, 0.3020
CMYK	0.13, 0.32, 0.00, 0.30
HSL	275°, 27%, 59%
HSV	275°, 32%, 70%
XYZ	28.1997, 23.7591, 45.2192
YIQ	137.3650, 1.3710, 24.7230

Conversions

Conversions Part 2

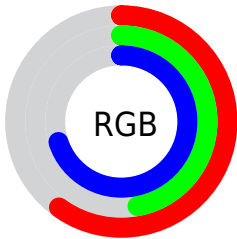
Format	Color
RYB	154, 121, 178
Decimal	10123698
CIELab	55.85, 23.80, -25.34
CIELCh	56, 34.769, 313.201
Yxy	23.7591, 0.2902, 0.2445
Android (android.graphics.Color)	4288313778 (0xFF9A79B2)
YUV	137.3650, 20.0331, 14.5889
Hunter-Lab	48.7433, 17.9675, -20.8830

Details

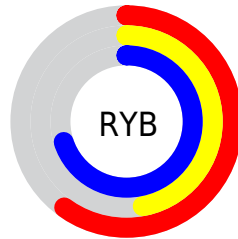
The YUV color **137.3650, 20.0331, 14.5889** is a light color, and the websafe version is hex **996699**. A complement of this color would be **161.6350, -20.0331, -14.5889**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.3050, 21.0486, 15.5185**, and **87.0120, 18.7281, 13.1445** is the 20% darker color. If you saturate the color by 10%, you get **124.7060, 26.2739, 19.5518**, and if you desaturate by 10%, it is **150.0240, 13.7922, 9.6260**.

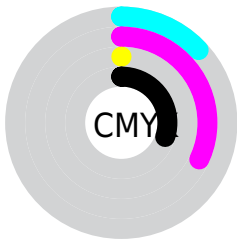
Distribution



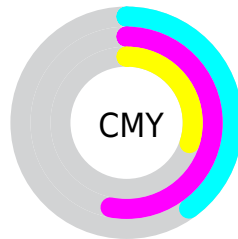
- Red (60%)
- Green (47%)
- Blue (70%)



- Red (60%)
- Yellow (47%)
- Blue (70%)



- Cyan (13%)
- Magenta (32%)
- Yellow (0%)
- Black (30%)



- Cyan (40%)
- Magenta (53%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3650, 20.0331, 14.5889 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 137.3650, 20.0331, 14.5889 by changing the saturation by 10% instead.

■ 137.3650, 20.0331,
14.5889

■ 137.3650, 20.0331,
14.5889

255.0000, 0.0000,
0.0000

■ 111.8380, 19.3069,
14.1741

■ 191.3050, 21.0486,
15.5185

■ 87.0120, 18.7281,
13.1445

■ 218.2190, 18.1330,
17.3479

■ 63.1860, 18.1493,
12.1149

■ 239.7380, 7.5242,
13.3848

■ 40.3600, 17.5705,
11.0853

■ 18.2460, 17.1337,
11.1853

■ 3.5340, 13.5407,
-3.0993

■ 0.2280, 0.8736,

-0.2000

0.0000, 0.0000,
0.0000

137.3650, 20.0331,
14.5889

137.3650, 20.0331,
14.5889

124.7060, 26.2739,
19.5518

150.0240, 13.7922,
9.6260

111.7480, 32.6622,
23.9000

162.9820, 7.4039,
5.2778

99.6760, 38.6137,
28.3481

175.0540, 1.4524,
0.8296

86.7180, 45.0020,
32.6963

188.0120, -4.9359,
-3.5185

74.0590, 51.2429,
37.6593

200.6710,
-11.1768, -8.4815

61.1010, 57.6312,
42.0074

213.6290,
-17.5651, -12.8296

51.0890, 62.5671,
45.5259

226.2880,
-23.8060, -17.7926

233.9630,
-27.5898, -17.5076

236.0560,
-28.6216, -13.2041

Harmonies

Analogous

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



132.5610, 29.3034, -18.9090



137.3650, 20.0331, 14.5889



137.4900, 7.1534, 39.0353

Triad

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



137.3650, 20.0331, 14.5889



132.8580, -28.0310, 30.8195



104.8080, 20.8007, -91.9166

Complementary

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



137.3650, 20.0331, 14.5889



161.6350, -20.0331, -14.5889

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.



120.3070, -2.6164, -47.6272



137.3650, 20.0331, 14.5889



130.1280, -27.6711, 8.6577

Square

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



137.3650, 20.0331, 14.5889



134.4220, -19.9280, 45.2339



126.3680, -18.4224, -17.8627



106.7120, 33.1730, -93.5864

Rectangle

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



137.3650, 20.0331, 14.5889



136.7270, -2.3304, 47.5974



126.3680, -18.4224, -17.8627



111.9260, 11.8685, -73.6031

Sweetspot

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



137.3650, 20.0331, 14.5889



215.5090, 8.1301, 5.6926



142.1730, 17.6627, -18.5687



106.9880, 4.9359, 3.5185



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



137.3650, 20.0331, 14.5889



169.2810, 30.9205, 22.5556



144.0850, 14.7481, 29.7435



82.5210, 3.1941, 2.1741



44.0530, 53.7109, 39.4185



7.4490, 9.1456, 6.6222

Inverse Universe

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



140.7790, 2.0810, 32.6428



174.5300, 3.1897, 50.4012



154.9150, -14.7481, -29.7435



83.1470, 0.4205, 5.1331



53.0430, 5.4018, 87.6623



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 137.3650, 20.0331, 14.5889 looks on a white background.

Color Contrast Check

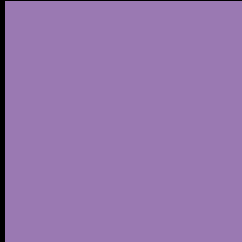
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.3650, 20.0331, 14.5889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

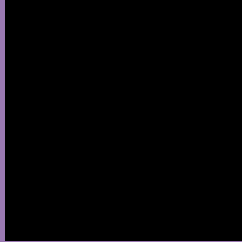
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.3650, 20.0331, 14.5889

Background



This preview shows how black text looks on a background with the YUV color 137.3650, 20.0331, 14.5889.



This preview shows how white text looks on a background with the YUV color 137.3650, 20.0331,

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

137.3650, 20.0331, 14.5889

Protanopia

134.0840, 26.0876, -14.1057

Deuteranopia

134.6240, 20.3984, -9.3172



Tritanopia

135.8210, 1.5672, 10.6810

Trichromacy



Original Color

137.3650, 20.0331, 14.5889

Protanomaly

135.2810, 24.0185, -3.7544

Deuteranomaly

135.6790, 20.3713, -0.5955

Tritanomaly

136.2540, 8.2558, 12.0552

Monochromacy



Original Color

137.3650, 20.0331, 14.5889

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9820, 7.4039, 5.2778

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3650, 20.0331, 14.5889 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(154, 121, 178)` looks like.

```
.text, #text, p{  
    color:rgb(154, 121, 178)  
}
```

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(154, 121, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 121, 178) }
```

Border

The CSS property to change the border of an element to YUV 137.3650, 20.0331, 14.5889 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(154, 121, 178) }
```


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

```
.border{ border-color:rgb(154, 121, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 121, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 121, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 121, 178);  
box-shadow:4px 4px 4px 4px rgb(154, 121,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 137.3650, 20.0331, 14.5889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 121, 178) }
```

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

```
.background{ background-color: rgb(154,  
121, 178) }
```

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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