

Converting Colors

YUV(137.1700, 19.1432,
20.0219)

Have a look what the booklet for
YUV(137.1700, 19.1432, 20.0219)
contains.

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Color

**YUV(137.1700, 19.1432,
20.0219)**

Conversions

Conversions Part 1

Format	Color
Hex	A076B0
RGB	160, 118, 176
RGB Percent	63%, 46%, 69%
CMY	0.3725, 0.5373, 0.3098
CMYK	0.09, 0.33, 0.00, 0.31
HSL	283°, 27%, 58%
HSV	283°, 33%, 69%
XYZ	28.8121, 23.5650, 44.1042
YIQ	137.1700, 6.4140, 26.9420

Conversions

Conversions Part 2

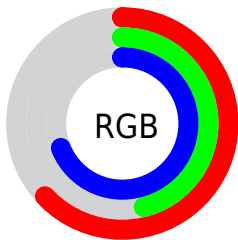
Format	Color
R_{YB}	160, 118, 176
Decimal	10516144
CIE _{Lab}	55.65, 27.04, -24.45
CIE _{LCh}	56, 36.455, 317.888
Yxy	23.5650, 0.2986, 0.2442
Android (android.graphics.Color)	4288706224 (0xFFA076B0)
YUV	137.1700, 19.1432, 20.0219
Hunter-Lab	48.5438, 20.9930, -19.8869

Details

The YUV color $137.1700, 19.1432, 20.0219$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $156.8300, -19.1432, -20.0219$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.1100, 20.1588, 20.9515$, and $86.8170, 17.8382, 18.5775$ is the 20% darker color. If you saturate the color by 10%, you get $125.1090, 25.0893, 26.2144$, and if you desaturate by 10%, it is $149.2310, 13.1971, 13.8294$.

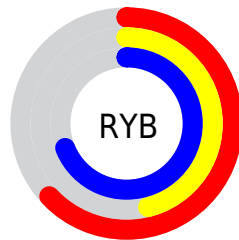
Distribution



Red (63%)

Green (46%)

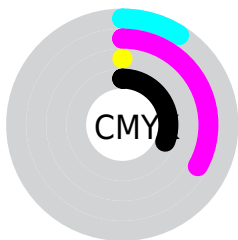
Blue (69%)



Red (63%)

Yellow (46%)

Blue (69%)

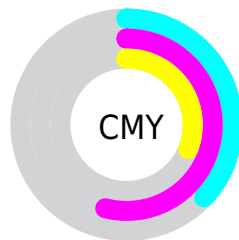


Cyan (9%)

Magenta (33%)

Yellow (0%)

Black (31%)



Cyan (37%)

Magenta (54%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.1700, 19.1432, 20.0219 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 137.1700, 19.1432, 20.0219 by changing the saturation by 10% instead.

137.1700, 19.1432,
20.0219

137.1700, 19.1432,
20.0219

255.0000, 0.0000,
0.0000

111.3440, 18.5644,
18.9923

191.1100, 20.1588,
20.9515

86.8170, 17.8382,
18.5775

218.2520, 18.1168,
22.5810

62.9910, 17.2594,
17.5479

237.9770, 8.3923,
14.9292

39.2790, 17.1175,
16.4183

17.1650, 16.6807,
16.5183

4.0180, 12.8091,
-1.7698

0.0000, 0.0000,

0.0000

■ 137.1700, 19.1432,
20.0219

■ 137.1700, 19.1432,
20.0219

■ 125.1090, 25.0893,
26.2144

■ 149.2310, 13.1971,
13.8294

■ 113.6350, 30.7459,
31.8921

■ 160.7050, 7.5404,
8.1517

■ 101.5740, 36.6920,
38.0846

■ 172.7660, 1.5944,
1.9592

■ 90.3990, 42.2013,
44.3771

■ 183.9410, -3.9149,
-4.3333

■ 78.3380, 48.1474,
50.5696

■ 196.0020, -9.8610,
-10.5258

■ 66.2770, 54.0934,
56.7621

■ 208.0630,
-15.8071, -16.7183

■ 58.0370, 58.1558,
60.4806

■ 219.5370,
-21.4637, -22.3959

■ 229.2500,
-26.2523, -26.5293

■ 230.7450,
-26.9893, -23.4554

Harmonies

Analogous

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



133.2950, 29.4346, -14.2907



137.1700, 19.1432, 20.0219



136.4690, 5.6848, 43.4387

Triad

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



137.1700, 19.1432, 20.0219



131.6790, -29.9147, 28.3455



105.3780, 22.9846, -92.4165

Complementary

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



137.1700, 19.1432, 20.0219



156.8300, -19.1432, -20.0219

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.



116.5770, 1.1945, -56.6340



137.1700, 19.1432, 20.0219



128.6930, -27.9496, 4.6542

Square

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



137.1700, 19.1432, 20.0219



133.7380, -22.5488, 45.8338



124.6770, -17.0958, -23.3957



106.6950, 35.6464, -93.5715

Rectangle

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



137.1700, 19.1432, 20.0219



135.4670, -4.6672, 50.4564



124.6770, -17.0958, -23.3957



104.1240, 18.1799, -91.3167

Sweetspot

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



137.1700, 19.1432, 20.0219



214.4060, 7.6878, 7.5369



134.0040, 20.7040, -14.0355



105.5860, 4.6411, 4.7481



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



137.1700, 19.1432, 20.0219



168.2220, 30.4566, 31.3773



140.4720, 11.1063, 31.1581



83.1190, 2.8993, 3.4036



50.6310, 50.4679, 52.9436



8.3460, 8.7034, 8.4666

Inverse Universe

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



137.1660, -1.5608, 34.0574



168.3580, -2.6415, 54.0600



153.5280, -11.1063, -31.1581



83.0330, -0.0163, 5.2331



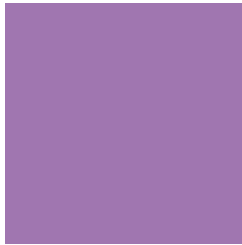
50.5350, -4.2078, 89.8618



8.5720, -0.7750, 15.2844

Previews

White Background



This preview shows how the YUV color 137.1700, 19.1432, 20.0219 looks on a white background.

Color Contrast Check

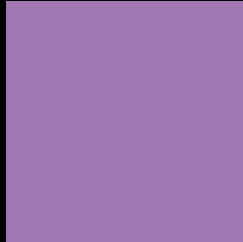
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.1700, 19.1432, 20.0219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

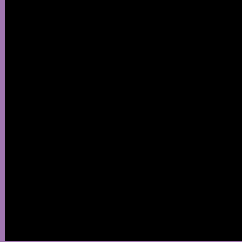
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.1700, 19.1432, 20.0219

Background



This preview shows how black text looks on a background with the YUV color 137.1700, 19.1432, 20.0219.



This preview shows how white text looks on a background with the YUV color 137.1700, 19.1432,

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

137.1700, 19.1432, 20.0219

Protanopia

133.6710, 25.7982, -14.6205

Deuteranopia

133.9940, 19.2300, -7.8877



Tritanopia

135.5120, 0.2406, 16.2140

Trichromacy



Original Color

137.1700, 19.1432, 20.0219

Protanomaly

135.0640, 23.1394, -1.8101

Deuteranomaly

135.0600, 19.1974, 2.5784

Tritanomaly

136.0590, 7.3659, 17.4883

Monochromacy



Original Color

137.1700, 19.1432, 20.0219

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8790, 6.9617, 7.1221

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1700, 19.1432, 20.0219 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(160, 118, 176)` looks like.

```
.text, #text, p{  
    color:rgb(160, 118, 176)  
}
```

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(160, 118, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 118, 176) }
```

Border

The CSS property to change the border of an element to YUV 137.1700, 19.1432, 20.0219 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(160, 118, 176) }
```


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

```
.border{ border-color:rgb(160, 118, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 118, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 118, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 118, 176);  
box-shadow:4px 4px 4px 4px rgb(160, 118,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 137.1700, 19.1432, 20.0219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 118, 176) }
```

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

```
.background{ background-color: rgb(160,  
118, 176) }
```

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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