

Converting Colors

YUV(111.6200, -7.7007,
-97.0137)

Have a look what the booklet for
YUV(111.6200, -7.7007, -97.0137)
contains.

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Color

**YUV(111.6200, -7.7007,
-97.0137)**

Conversions

Conversions Part 1

Format	Color
Hex	01AB60
RGB	1, 171, 96
RGB Percent	0%, 67%, 38%
CMY	0.9961, 0.3294, 0.6235
CMYK	0.99, 0.00, 0.44, 0.33
HSL	154°, 99%, 34%
HSV	154°, 99%, 67%
XYZ	16.6867, 29.9768, 15.9730
YIQ	111.6200, -77.2450, -59.3650

Conversions

Conversions Part 2

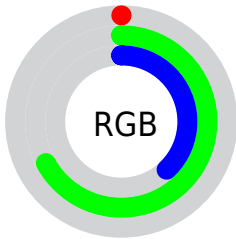
Format	Color
R_{YB}	1, 110, 171
Decimal	109408
CIE Lab	61.63, -54.66, 28.37
CIE LCh	62, 61.583, 152.567
Yxy	29.9768, 0.2664, 0.4786
Android (android.graphics.Color)	4278299488 (0xFF01AB60)
YUV	111.6200, -7.7007, -97.0137
Hunter-Lab	54.7511, -41.4121, 21.0286

Details

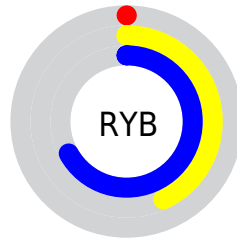
The YUV color **111.6200, -7.7007, -97.0137** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **60.3800, 7.7007, 97.0137**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1020, -15.3333, -75.5115**, and **74.1510, -12.8924, -65.0304** is the 20% darker color. If you saturate the color by 10%, you get **111.3210, -7.5533, -97.6285**, and if you desaturate by 10%, it is **117.6150, -6.7122, -87.3624**.

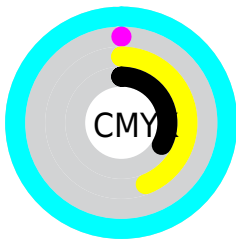
Distribution



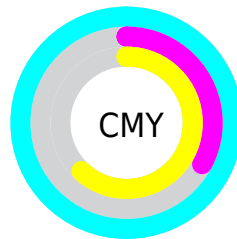
- Red (0%)
- Green (67%)
- Blue (38%)



- Red (0%)
- Yellow (43%)
- Blue (67%)



- Cyan (99%)
- Magenta (0%)
- Yellow (44%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.6200, -7.7007, -97.0137 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 111.6200, -7.7007, -97.0137 by changing the saturation by 10% instead.

■ 111.6200, -7.7007,
-97.0137

■ 111.6200, -7.7007,
-97.0137

■ 255.0000, 0.0000,
0.0000

■ 92.7360, -10.2228,
-81.3295

■ 178.1020,
-15.3333, -75.5115

■ 74.1510, -12.8924,
-65.0304

■ 206.2980,
-15.9229, -73.0523

■ 56.2670, -15.4146,
-49.3462

■ 218.4600, -8.1148,
-57.4084

■ 38.8560, -18.6630,
-34.0767

■ 230.6220, -0.3066,
-41.7645

■ 25.8280, -12.7332,
-22.6512

■ 242.4420, 6.1911,
-25.8206

■ 6.4570, -3.1833,
-5.6628

■ 251.4120, 1.7689,

■ 0.0000, 0.0000,

-7.3773

0.0000

■ 111.6200, -7.7007,
-97.0137

■ 111.6200, -7.7007,
-97.0137

■ 111.3210, -7.5533,
-97.6285

■ 117.6150, -6.7122,
-87.3624

■ 123.4960, -6.1605,
-77.6110

■ 129.4910, -5.1721,
-67.9596

■ 135.3720, -4.6204,
-58.2082

■ 141.3670, -3.6319,
-48.5569

■ 147.5470, -3.2277,
-38.1907

■ 153.5420, -2.2392,
-28.5393

■ 159.4230, -1.6875,
-18.7880

■ 165.4180, -0.6991,
-9.1366

Harmonies

Analogous

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



135.5490, -43.1617, -16.2675



111.6200, -7.7007, -97.0137



120.0530, 15.7499, -105.2865

Triad

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



111.6200, -7.7007, -97.0137



119.4680, 66.8173, -104.7734



144.8940, -25.5837, 86.0390

Complementary

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



111.6200, -7.7007, -97.0137



60.3800, 7.7007, 97.0137

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.



146.5500, -0.2712, 87.2176



111.6200, -7.7007, -97.0137



151.3030, 44.2206, 3.2423

Square

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



111.6200, -7.7007, -97.0137



125.9590, 58.6872, -110.4660



151.9650, 23.6813, 57.9127



144.7190, -47.1895, 62.5134

Rectangle

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



111.6200, -7.7007, -97.0137



124.2710, 31.9114, -108.9857



151.9650, 23.6813, 57.9127



145.0930, -17.3008, 89.3724

Sweetspot

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



111.6200, -7.7007, -97.0137



198.5470, -3.2277, -38.1907



123.5140, -60.3994, -40.7928



97.9880, -1.9661, -22.7915



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.



111.6200, -7.7007, -97.0137



144.4500, -10.0818, -126.6826



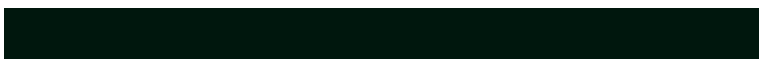
115.4740, 27.3743, -100.3937



83.8530, -0.4205, -5.1331



97.6260, -6.7176, -85.6180



14.9830, -0.9776, -13.1401

Inverse Universe

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



60.3800, 7.7007, 97.0137



77.5500, 10.0819, 126.6826



56.5260, -27.3743, 100.3937



81.1470, 0.4205, 5.1331



52.3740, 6.7176, 85.6180



8.0170, 0.9776, 13.1401

Previews

White Background



This preview shows how the YUV color 111.6200, -7.7007, -97.0137 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 111.6200, -7.7007, -97.0137 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 ✓ Pass

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

YUV 111.6200, -7.7007, -97.0137

Background



This preview shows how black text looks on a background with the YUV color 111.6200, -7.7007, -97.0137.



This preview shows how white text looks on a background with the YUV color 111.6200, -7.7007, -97.0137.

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

111.6200, -7.7007, -97.0137

Protanopia

145.2320, -28.7084, 14.7055

Deuteranopia

147.7200, -22.0470, 24.8016



Tritanopia

133.8810, 20.2717, -62.1626

Trichromacy



Original Color

111.6200, -7.7007, -97.0137



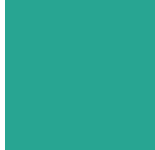
Protanomaly

132.6290, -21.0161, -25.9846



Deuteranomaly

134.6990, -17.1066, -19.9070



Tritanomaly

125.4590, 10.1267, -74.9475

Monochromacy



Original Color

111.6200, -7.7007, -97.0137



Achromatopsia

112.0000, 0.0000, 0.0000



Achromatomaly

111.6830, -2.8017, -34.8020

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.6200, -7.7007, -97.0137 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(1, 171, 96)` looks like.

```
.text, #text, p{  
    color:rgb(1, 171, 96)  
}
```

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(1, 171, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 171, 96) }
```

Border

The CSS property to change the border of an element to YUV 111.6200, -7.7007, -97.0137 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(1, 171, 96) }
```


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

```
.border{ border-color:rgb(1, 171, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 171, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 171, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 171, 96);  
box-shadow:4px 4px 4px 4px rgb(1, 171, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 111.6200, -7.7007, -97.0137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 171, 96) }
```

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

```
.background{ background-color: rgb(1, 171,  
96) }
```

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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