

Converting Colors

YUV(115.3230, -56.8542,
35.6737)

Have a look what the booklet for
YUV(115.3230, -56.8542, 35.6737)
contains.

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Color

**YUV(115.3230, -56.8542,
35.6737)**

Conversions

Conversions Part 1

Format	Color
Hex	9C7500
RGB	156, 117, 0
RGB Percent	61%, 46%, 0%
CMY	0.3882, 0.5412, 1.0000
CMYK	0.00, 0.25, 1.00, 0.39
HSL	45°, 100%, 31%
HSV	45°, 100%, 61%
XYZ	20.0716, 19.7905, 2.7621
YIQ	115.3230, 60.8010, -28.1190

Conversions

Conversions Part 2

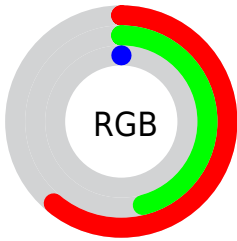
Format	Color
RYB	52, 156, 0
Decimal	10253568
CIELab	51.60, 6.37, 57.79
CIELCh	52, 58.136, 83.707
Yxy	19.7905, 0.4709, 0.4643
Android (android.graphics.Color)	4288443648 (0xFF9C7500)
YUV	115.3230, -56.8542, 35.6737
Hunter-Lab	44.4865, 2.6849, 27.4594

Details

The YUV color **115.3230, -56.8542, 35.6737** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **40.6770, 56.8542, -35.6737**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.8980, -52.2077, 38.6775**, and **70.4030, -34.7087, 25.9566** is the 20% darker color. If you saturate the color by 10%, you get **115.3230, -56.8542, 35.6737**, and if you desaturate by 10%, it is **119.4950, -51.0230, 32.0149**.

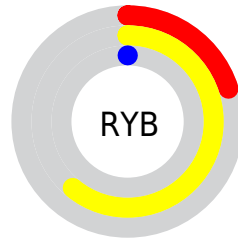
Distribution



Red (61%)

Green (46%)

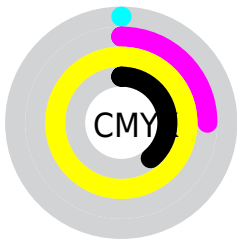
Blue (0%)



Red (20%)

Yellow (61%)

Blue (0%)

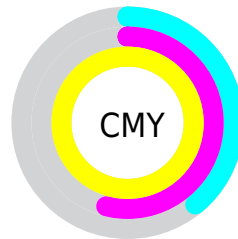


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (39%)



Cyan (39%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.3230, -56.8542, 35.6737 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 115.3230, -56.8542, 35.6737 by changing the saturation by 10% instead.

■ 115.3230,
-56.8542, 35.6737

■ 115.3230,
-56.8542, 35.6737

■ 255.0000, 0.0000,
0.0000

■ 92.5640, -45.6341,
30.2004

■ 170.8980,
-52.2077, 38.6775

■ 70.4030, -34.7087,
25.9566

■ 198.6810,
-53.0867, 40.6218

■ 49.1170, -24.2147,
20.0684

■ 221.1850,
-50.8702, 29.6558

■ 29.6030, -14.5943,
14.3802

■ 240.6990,
-47.1796, 12.5420


■ 7.1650, -3.5323,
13.0103


■ 245.6520,
-35.8174, 8.1982


■ 0.0000, 0.0000,
0.0000


■ 248.8440,


-23.5871, 5.3988


 252.0360,
-11.3567, 2.5994


 115.3230,
-56.8542, 35.6737

 119.4950,
-51.0230, 32.0149

 123.5530,
-45.6286, 28.4560

 127.7250,
-39.7974, 24.7972

 131.7830,
-34.4030, 21.2383

 135.9550,
-28.5718, 17.5795

■ 139.5400,
-22.4512, 14.4354

■ 143.5980,
-17.0568, 10.8766

■ 147.7700,
-11.2256, 7.2177

■ 151.8280, -5.8312,
3.6588

Harmonies

Analogous

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



119.1350, -38.0276, 63.9026



115.3230, -56.8542, 35.6737



111.6710, -48.1518, -2.3425

Triad

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



115.3230, -56.8542, 35.6737



104.1700, 28.5102, -91.3571



126.0060, 28.0980, 41.2137

Complementary

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



115.3230, -56.8542, 35.6737



40.6770, 56.8542, -35.6737

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.



121.9260, 45.8855, -17.4751



115.3230, -56.8542, 35.6737



106.4960, 47.5765, -93.3970

Square

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



115.3230, -56.8542, 35.6737



97.7690, 6.5229, -85.7434



102.7920, 58.7695, -90.1486



120.5360, 7.6238, 74.9519

Rectangle

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



115.3230, -56.8542, 35.6737



107.0550, -30.5931, -34.2512



102.7920, 58.7695, -90.1486



126.3890, 33.8252, 24.2148

Sweetspot

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



115.3230, -56.8542, 35.6737



188.2410, -22.3038, 13.8206



51.0900, -5.9604, 92.0061



92.4990, -13.5570, 8.3324



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



115.3230, -56.8542, 35.6737



150.8070, -74.3479, 46.6503



126.5550, -62.3916, -8.3797



76.9140, -2.9156, 1.8294



105.5660, -52.0440, 32.8296



10.9420, -5.3944, 3.5589

Inverse Universe

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



40.6770, 56.8542, -35.6737



53.1930, 74.3479, -46.6503



29.4450, 62.3916, 8.3797



73.0860, 2.9156, -1.8294



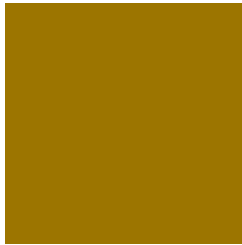
37.4340, 52.0440, -32.8296



4.0580, 5.3944, -3.5589

Previews

White Background



This preview shows how the YUV color 115.3230, -56.8542, 35.6737 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 115.3230, -56.8542, 35.6737 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 115.3230, -56.8542, 35.6737

Background



This preview shows how black text looks on a background with the YUV color 115.3230, -56.8542, 35.6737.



This preview shows how white text looks on a background with the YUV color 115.3230, -56.8542, 35.6737.

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

115.3230, -56.8542, 35.6737

Protanopia

115.2610, -52.8797, 20.8191

Deuteranopia

115.4370, -56.4174, 35.5738



Tritanopia

125.7590, -4.3182, 31.7834

Trichromacy



Original Color

115.3230, -56.8542, 35.6737

Protanomaly

114.9520, -54.2063, 26.3521

Deuteranomaly

115.4370, -56.4174, 35.5738

Tritanomaly

122.0200, -23.6739, 33.3085

Monochromacy



Original Color

115.3230, -56.8542, 35.6737

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.2840, -20.8460, 12.9059

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.3230, -56.8542, 35.6737 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(156, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(156, 117, 0)  
}
```

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(156, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 117, 0) }
```

Border

The CSS property to change the border of an element to YUV 115.3230, -56.8542, 35.6737 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(156, 117, 0) }
```


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

```
.border{ border-color:rgb(156, 117, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 117, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(156, 117,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 115.3230, -56.8542, 35.6737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 117, 0) }
```

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

```
.background{ background-color: rgb(156,  
117, 0) }
```

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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