

Converting Colors

YUV(137.4170, -46.0546,
25.0673)

Have a look what the booklet for
YUV(137.4170, -46.0546, 25.0673)
contains.

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Color

**YUV(137.4170, -46.0546,
25.0673)**

Conversions

Conversions Part 1

Format	Color
Hex	A68D2C
RGB	166, 141, 44
RGB Percent	65%, 55%, 17%
CMY	0.3490, 0.4471, 0.8275
CMYK	0.00, 0.15, 0.73, 0.35
HSL	48°, 58%, 41%
HSV	48°, 73%, 65%
XYZ	25.7054, 27.3386, 6.3049
YIQ	137.4170, 46.0370, -24.8670

Conversions

Conversions Part 2

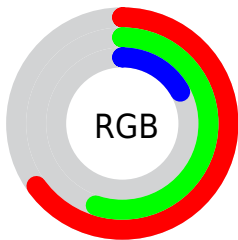
Format	Color
R_{YB}	75, 166, 44
Decimal	10915116
CIE Lab	59.29, -1.17, 52.43
CIE LCh	59, 52.442, 91.274
Yxy	27.3386, 0.4331, 0.4606
Android (android.graphics.Color)	4289105196 (0xFFA68D2C)
YUV	137.4170, -46.0546, 25.0673
Hunter-Lab	52.2863, -3.7456, 29.4510

Details

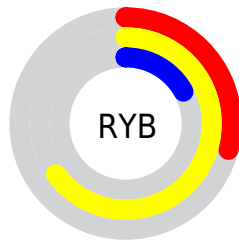
The YUV color **137.4170, -46.0546, 25.0673** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **72.5830, 46.0546, -25.0673**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7980, -47.2284, 28.2412**, and **86.3070, -42.5494, 20.7788** is the 20% darker color. If you saturate the color by 10%, you get **133.7180, -52.6120, 28.3113**, and if you desaturate by 10%, it is **141.1160, -39.4972, 21.8233**.

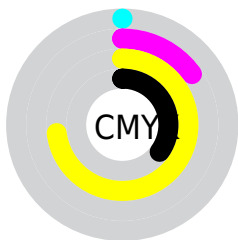
Distribution



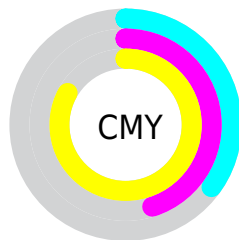
- Red (65%)
- Green (55%)
- Blue (17%)



- Red (29%)
- Yellow (65%)
- Blue (17%)



- Cyan (0%)
- Magenta (15%)
- Yellow (73%)
- Black (35%)



- Cyan (35%)
- Magenta (45%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.4170, -46.0546, 25.0673 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 137.4170, -46.0546, 25.0673 by changing the saturation by 10% instead.

■ 137.4170,
-46.0546, 25.0673

■ 137.4170,
-46.0546, 25.0673

■ 255.0000, 0.0000,
0.0000

■ 110.9500,
-47.7964, 23.7228

■ 191.7980,
-47.2284, 28.2412

■ 86.3070, -42.5494,
20.7788

■ 220.1680,
-48.3968, 29.6707

■ 65.0320, -32.0608,
16.6349

■ 240.5680,
-45.1430, 12.6569

■ 44.0450, -21.7142,
11.3615

■ 246.1080,
-34.0702, 7.7983

■ 25.1290, -12.3886,
6.9029

■ 249.3000,
-21.8399, 4.9989

■ 0.0000, 0.0000,
0.0000

■ 252.6060, -9.1728,

2.0995

■ 137.4170,
-46.0546, 25.0673

■ 137.4170,
-46.0546, 25.0673

■ 133.7180,
-52.6120, 28.3113

■ 141.1160,
-39.4972, 21.8233

■ 129.5460,
-58.4432, 31.9702

■ 145.2880,
-33.6660, 18.1644

■ 127.1180,
-62.6692, 34.0995

■ 148.9870,
-27.1086, 14.9204

■ 153.1590,
-21.2774, 11.2616

■ 156.8580,
-14.7200, 8.0175

■ 160.5570, -8.1626,
4.7735

■ 164.7290, -2.3314,
1.1147

■ 168.4280, 4.2260,
-2.1294

■ 172.6000, 10.0572,
-5.7882

Harmonies

Analogous

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



140.1400, -39.0160, 54.2512



137.4170, -46.0546, 25.0673



132.7050, -36.3366, -12.0193

Triad

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



137.4170, -46.0546, 25.0673



117.8140, 35.0947, -103.3229



146.3890, 20.5142, 47.0168

Complementary

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



137.4170, -46.0546, 25.0673



72.5830, 46.0546, -25.0673

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.



145.5710, 37.6795, 1.2532



137.4170, -46.0546, 25.0673



118.7550, 51.3928, -104.1481

Square

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



137.4170, -46.0546, 25.0673



113.1570, 14.7126, -99.2387



124.7400, 54.3582, -75.1940



142.8640, 0.0670, 72.0333

Rectangle

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



137.4170, -46.0546, 25.0673



127.1880, -22.2777, -41.3839



124.7400, 54.3582, -75.1940



147.2070, 26.5199, 34.0215

Sweetspot

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



137.4170, -46.0546, 25.0673



205.6580, -18.0724, 9.9469



83.4420, -6.6269, 72.4034



103.1720, -10.9308, 5.9882



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.



137.4170, -46.0546, 25.0673



172.3330, -72.1422, 39.1730



141.6270, -48.1301, -9.3199



81.9140, -2.9156, 1.8294



113.5180, -55.9644, 30.2407



15.3720, -7.5784, 4.0588

Inverse Universe

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



72.5830, 46.0546, -25.0673



70.6670, 72.1422, -39.1730



68.3730, 48.1301, 9.3199



77.4990, 3.2050, -1.3146



34.4820, 55.9644, -30.2407



4.6280, 7.5784, -4.0588

Previews

White Background



This preview shows how the YUV color 137.4170, -46.0546, 25.0673 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 137.4170, -46.0546, 25.0673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

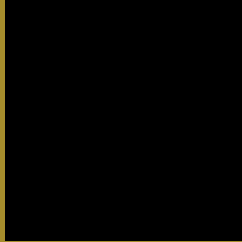
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.4170, -46.0546, 25.0673

Background



This preview shows how black text looks on a background with the YUV color 137.4170, -46.0546, 25.0673.



This preview shows how white text looks on a background with the YUV color 137.4170, -46.0546, 25.0673.

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

137.4170, -46.0546, 25.0673

Protanopia

136.9110, -45.3121, 20.2491

Deuteranopia

138.5970, -45.6503, 35.4334



Tritanopia

145.3990, -1.6757, 24.2061

Trichromacy



Original Color

137.4170, -46.0546, 25.0673

Protanomaly

136.9220, -45.3175, 21.9934

Deuteranomaly

138.1620, -45.9289, 31.4299

Tritanomaly

142.1590, -17.8264, 24.4166

Monochromacy



Original Color

137.4170, -46.0546, 25.0673

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0000, -16.7620, 9.6470

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.4170, -46.0546, 25.0673 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(166, 141, 44)` looks like.

```
.text, #text, p{  
    color:rgb(166, 141, 44)  
}
```

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(166, 141, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 141, 44) }
```

Border

The CSS property to change the border of an element to YUV 137.4170, -46.0546, 25.0673 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(166, 141, 44) }
```


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

```
.border{ border-color:rgb(166, 141, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 141, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 141, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 141, 44);  
box-shadow:4px 4px 4px 4px rgb(166, 141,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 137.4170, -46.0546, 25.0673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 141, 44) }
```

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

```
.background{ background-color: rgb(166,  
141, 44) }
```

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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