

Converting Colors

YUV(162.8470, -18.1656,
-6.8818)

Have a look what the booklet for
YUV(162.8470, -18.1656, -6.8818)
contains.

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Color

**YUV(162.8470, -18.1656,
-6.8818)**

Conversions

Conversions Part 1

Format	Color
Hex	9BAE7E
RGB	155, 174, 126
RGB Percent	61%, 68%, 49%
CMY	0.3922, 0.3176, 0.5059
CMYK	0.11, 0.00, 0.28, 0.32
HSL	84°, 23%, 59%
HSV	84°, 28%, 68%
XYZ	32.4195, 38.7470, 25.5089
YIQ	162.8470, 4.0840, -18.9560

Conversions

Conversions Part 2

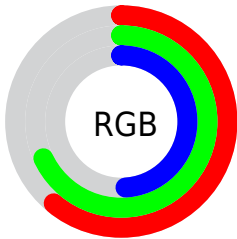
Format	Color
RYB	126, 174, 145
Decimal	10202750
CIELab	68.57, -15.17, 22.51
CIElCh	69, 27.145, 123.968
Yxy	38.7470, 0.3353, 0.4008
Android (android.graphics.Color)	4288392830 (0xFF9BAE7E)
YUV	162.8470, -18.1656, -6.8818
Hunter-Lab	62.2471, -15.9661, 19.2759

Details

The YUV color **162.8470, -18.1656, -6.8818** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **137.1530, 18.1656, 6.8818**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.2060, -19.3286, -7.1967**, and **111.1890, -16.8552, -7.1818** is the 20% darker color. If you saturate the color by 10%, you get **158.8160, -24.5593, -9.4856**, and if you desaturate by 10%, it is **166.8780, -11.7719, -4.2780**.

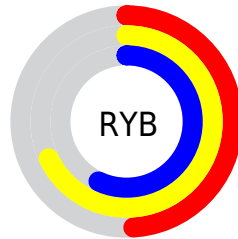
Distribution



Red (61%)

Green (68%)

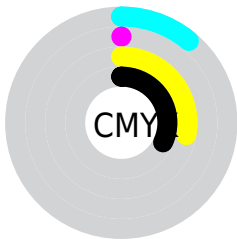
Blue (49%)



Red (49%)

Yellow (68%)

Blue (57%)

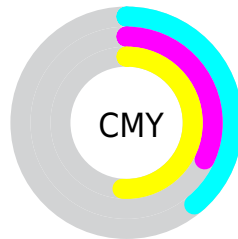


Cyan (11%)

Magenta (0%)

Yellow (28%)

Black (32%)



Cyan (39%)

Magenta (32%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.8470, -18.1656, -6.8818 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 162.8470, -18.1656, -6.8818 by changing the saturation by 10% instead.

■ 162.8470,
-18.1656, -6.8818

■ 162.8470,
-18.1656, -6.8818

■ 255.0000, 0.0000,
0.0000

■ 136.3740,
-17.4394, -6.4670

■ 218.2060,
-19.3286, -7.1967

■ 111.1890,
-16.8552, -7.1818

■ 244.4450,
-18.4604, -5.6523

■ 86.6020, -16.5658,
-6.6670

■ 252.7200, -8.7360,
1.9996

■ 62.8300, -15.6922,
-6.8669

■ 40.2430, -15.4028,
-6.3521

■ 20.3010, -10.0084,
-9.9110

■ 0.0000, 0.0000,

0.0000

■ 162.8470,
-18.1656, -6.8818

■ 162.8470,
-18.1656, -6.8818

■ 158.8160,
-24.5593, -9.4856

■ 166.8780,
-11.7719, -4.2780

■ 154.6710,
-31.3898, -11.9895

■ 171.0230, -4.9413,
-1.7742

■ 150.6400,
-37.7835, -14.5933

■ 175.0540, 1.4524,
0.8296

■ 146.4950,
-44.6140, -17.0971

■ 179.1990, 8.2829,
3.3335

■ 142.7630,
-51.1552, -19.0862

■ 182.9310, 14.8240,
5.3225

■ 138.7320,
-57.5489, -21.6900

■ 186.9620, 21.2177,
7.9263

■ 134.5870,
-64.3794, -24.1938

■ 191.1070, 28.0482,
10.4302

■ 133.5330,
-65.8318, -25.0234

■ 193.9980, 30.0740,
14.0338

■ 196.0910, 29.0421,
18.3372

Harmonies

Analogous

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



165.8990, -23.6142, 14.1206



162.8470, -18.1656, -6.8818



159.5760, -7.1860, -28.5692

Triad

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



162.8470, -18.1656, -6.8818



159.6580, 25.3116, -45.3041



170.5580, -2.7401, 38.9756

Complementary

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



162.8470, -18.1656, -6.8818



137.1530, 18.1656, 6.8818

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.



171.1680, 8.7912, 27.0397



162.8470, -18.1656, -6.8818



165.3990, 24.9463, -21.3979

Square

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



162.8470, -18.1656, -6.8818



155.2840, 19.0870, -55.5001



169.9570, 18.7552, 4.4227



169.5830, -14.0914, 39.8307

Rectangle

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



162.8470, -18.1656, -6.8818



157.1920, 1.8773, -42.2644



169.9570, 18.7552, 4.4227



171.1600, 0.9071, 35.8167

Sweetspot

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



162.8470, -18.1656, -6.8818



222.8550, -6.8305, -2.5038



150.9180, -12.2846, 20.2429



112.1370, -4.5045, -1.8741



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.



162.8470, -18.1656, -6.8818



209.4800, -28.3376, -10.9450



155.9700, -14.7752, -21.0217



84.7780, -3.3416, -1.5593



115.2590, -56.8227, -21.2751



17.6870, -8.7197, -3.2335

Inverse Universe

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



137.1530, 18.1656, 6.8818



169.5200, 28.3376, 10.9450



144.0300, 14.7752, 21.0217



79.9230, 3.4890, 0.9445



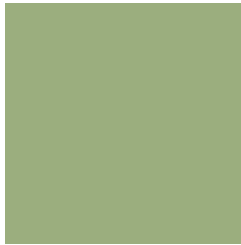
35.0400, 56.6753, 21.8899



5.3130, 8.7197, 3.2335

Previews

White Background



This preview shows how the YUV color 162.8470, -18.1656, -6.8818 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 162.8470, -18.1656, -6.8818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

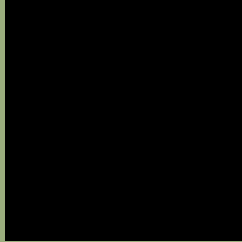
Any Text WCAG AA ✓ Pass

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 162.8470, -18.1656, -6.8818 Background



This preview shows how black text looks on a background with the YUV color 162.8470, -18.1656, -6.8818.



This preview shows how white text looks on a background with the YUV color 162.8470, -18.1656, -6.8818.

-6.8818.

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

162.8470, -18.1656, -6.8818

Protanopia

165.5720, -20.9880, 11.7764

Deuteranopia

167.2300, -18.8474, 25.2313



Tritanopia

167.2860, 6.2680, -3.7588

Trichromacy



Original Color

162.8470, -18.1656, -6.8818

Protanomaly

164.7560, -20.0927, 4.5990

Deuteranomaly

165.5660, -18.5200, 13.5356

Tritanomaly

165.8700, -2.8939, -5.1480

Monochromacy



Original Color

162.8470, -18.1656, -6.8818

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9690, -6.3937, -2.6038

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.8470, -18.1656, -6.8818 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(155, 174, 126)` looks like.

```
.text, #text, p{  
    color:rgb(155, 174, 126)  
}
```

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(155, 174, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 174, 126) }
```

Border

The CSS property to change the border of an element to YUV 162.8470, -18.1656, -6.8818 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(155, 174, 126) }
```


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

```
.border{ border-color:rgb(155, 174, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 174, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 174, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 174, 126);  
box-shadow:4px 4px 4px 4px rgb(155, 174,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 162.8470, -18.1656, -6.8818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 174, 126) }
```

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

```
.background{ background-color: rgb(155,  
174, 126) }
```

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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