

Converting Colors

YUV(112.6470, -18.0670,
8.2026)

Have a look what the booklet for
YUV(112.6470, -18.0670, 8.2026)
contains.

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Color

**YUV(112.6470, -18.0670,
8.2026)**

Conversions

Conversions Part 1

Format	Color
Hex	7A734C
RGB	122, 115, 76
RGB Percent	48%, 45%, 30%
CMY	0.5216, 0.5490, 0.7020
CMYK	0.00, 0.06, 0.38, 0.52
HSL	51°, 23%, 39%
HSV	51°, 38%, 48%
XYZ	15.4613, 16.9208, 9.2886
YIQ	112.6470, 16.6910, -10.6450

Conversions

Conversions Part 2

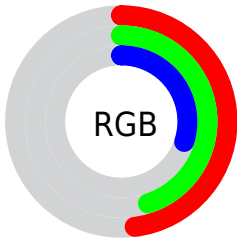
Format	Color
RYB	84, 122, 76
Decimal	8024908
CIELab	48.16, -3.61, 22.58
CIElCh	48, 22.865, 99.082
Yxy	16.9208, 0.3710, 0.4061
Android (android.graphics.Color)	4286214988 (0xFF7A734C)
YUV	112.6470, -18.0670, 8.2026
Hunter-Lab	41.1350, -4.8939, 15.4063

Details

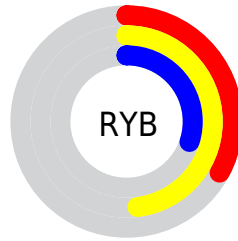
The YUV color **112.6470, -18.0670, 8.2026** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **85.3530, 18.0670, -8.2026**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6040, -19.5248, 9.1173**, and **64.3910, -16.4618, 6.6731** is the 20% darker color. If you saturate the color by 10%, you get **110.1050, -22.7298, 10.4319**, and if you desaturate by 10%, it is **115.1890, -13.4042, 5.9732**.

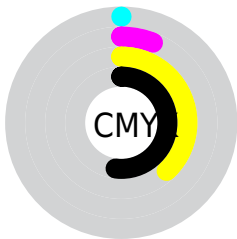
Distribution



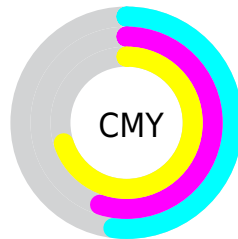
- Red (48%)
- Green (45%)
- Blue (30%)



- Red (33%)
- Yellow (48%)
- Blue (30%)



- Cyan (0%)
- Magenta (6%)
- Yellow (38%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.6470, -18.0670, 8.2026 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 112.6470, -18.0670, 8.2026 by changing the saturation by 10% instead.

■ 112.6470,
-18.0670, 8.2026

■ 112.6470,
-18.0670, 8.2026

■ 255.0000, 0.0000,
0.0000

■ 88.4620, -17.4828,
7.4878

■ 164.6040,
-19.5248, 9.1173

■ 64.3910, -16.4618,
6.6731

■ 191.7890,
-20.1090, 9.8320

■ 41.9780, -16.7512,
6.1583

■ 219.6750,
-20.5458, 9.9320

■ 22.7480, -11.2148,
3.7290

■ 246.4790,
-19.9561, 7.4729

■ 0.0000, 0.0000,
0.0000

■ 252.6060, -9.1728,
2.0995

■ 112.6470,
-18.0670, 8.2026

■ 112.6470,
-18.0670, 8.2026

■ 110.1050,
-22.7298, 10.4319

■ 115.1890,
-13.4042, 5.9732

■ 107.5630,
-27.3926, 12.6612

■ 117.7310, -8.7414,
3.7439

■ 104.9070,
-32.4922, 14.9906

■ 120.3870, -3.6418,
1.4146

■ 102.9520,
-37.4443, 16.7051

■ 122.3420, 1.3104,
-0.2999

■ 100.4100,
-42.1071, 18.9344

■ 124.8840, 5.9732,
-2.5293

■ 97.8680, -46.7699,
21.1638

■ 127.4260, 10.6360,
-4.7586

■ 96.9390, -47.7909,
21.9785

■ 129.9680, 15.2988,
-6.9879

■ 132.6240, 20.3984,

-9.3172

■ 135.1660, 25.0612,
-11.5466

Harmonies

Analogous

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



114.2620, -17.3842, 22.5722



112.6470, -18.0670, 8.2026



110.2150, -12.9240, -8.0816

Triad

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



112.6470, -18.0670, 8.2026



104.0680, 16.7285, -45.6636



117.6360, 5.6025, 23.1212

Complementary

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



112.6470, -18.0670, 8.2026



85.3530, 18.0670, -8.2026

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.



116.6000, 13.5082, 7.3668



112.6470, -18.0670, 8.2026



108.1710, 20.6217, -34.3530

Square

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



112.6470, -18.0670, 8.2026



104.3970, 7.6923, -40.6902



113.5480, 18.9568, -13.6356



116.8730, -3.8814, 31.6834

Rectangle

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



112.6470, -18.0670, 8.2026



108.6310, -7.2131, -19.8474



113.5480, 18.9568, -13.6356



116.9990, 8.3815, 18.4179

Sweetspot

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



112.6470, -18.0670, 8.2026



154.3010, -6.5574, 3.2440



90.6660, -3.2863, 27.4799



76.6860, -3.7892, 2.0294



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



112.6470, -18.0670, 8.2026



143.4490, -27.8294, 12.7612



112.2710, -17.8816, -4.6227



59.7290, -2.3314, 1.1147



99.5970, -49.1013, 22.2784



200.9660, -99.0762, 44.7568

Inverse Universe

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



85.3530, 18.0670, -8.2026



101.5510, 27.8294, -12.7612



85.7290, 17.8816, 4.6227



56.2710, 2.3314, -1.1147



25.4030, 49.1013, -22.2784



51.0340, 99.0762, -44.7568

Previews

White Background



This preview shows how the YUV color 112.6470, -18.0670, 8.2026 looks on a white background.

Color Contrast Check

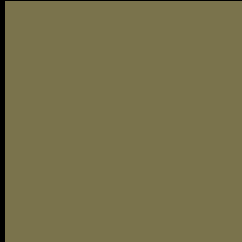
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 112.6470, -18.0670, 8.2026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

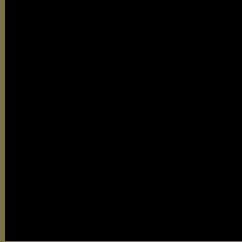
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.6470, -18.0670, 8.2026

Background



This preview shows how black text looks on a background with the YUV color 112.6470, -18.0670, 8.2026.



This preview shows how white text looks on a background with the YUV color 112.6470, -18.0670,

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

112.6470, -18.0670, 8.2026

Protanopia

112.6580, -18.0724, 9.9469

Deuteranopia

113.7240, -18.1049, 20.4131



Tritanopia

115.9950, 0.9885, 9.6514

Trichromacy



Original Color

112.6470, -18.0670, 8.2026

Protanomaly

112.3590, -17.9250, 9.3322

Deuteranomaly

113.4030, -17.9467, 16.3096

Tritanomaly

114.8610, -5.8475, 8.8919

Monochromacy



Original Color

112.6470, -18.0670, 8.2026

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0020, -6.4100, 2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6470, -18.0670, 8.2026 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(122, 115, 76)` looks like.

```
.text, #text, p{  
    color:rgb(122, 115, 76)  
}
```

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(122, 115, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 115, 76) }
```

Border

The CSS property to change the border of an element to YUV 112.6470, -18.0670, 8.2026 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(122, 115, 76) }
```


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

```
.border{ border-color:rgb(122, 115, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 115, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 115, 76); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 115, 76); box-shadow:4px 4px 4px 4px rgb(122, 115, 76) }
```

Background

The CSS property to change the background color of an element to YUV 112.6470, -18.0670, 8.2026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 115, 76) }
```

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

```
.background{ background-color: rgb(122,  
115, 76) }
```

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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