

Converting Colors

YUV(114.2430, -21.8118,
42.7599)

Have a look what the booklet for
YUV(114.2430, -21.8118, 42.7599)
contains.

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Color

**YUV(114.2430, -21.8118,
42.7599)**

Conversions

Conversions Part 1

Format	Color
Hex	A36246
RGB	163, 98, 70
RGB Percent	64%, 38%, 27%
CMY	0.3608, 0.6157, 0.7255
CMYK	0.00, 0.40, 0.57, 0.36
HSL	18°, 40%, 46%
HSV	18°, 57%, 64%
XYZ	20.5774, 16.9641, 7.9842
YIQ	114.2430, 47.7280, 5.0720

Conversions

Conversions Part 2

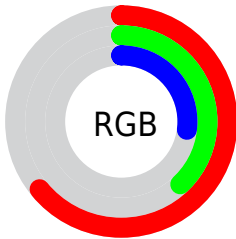
Format	Color
R_{YB}	163, 110, 70
Decimal	10707526
CIE Lab	48.21, 23.44, 27.00
CIE LCh	48, 35.759, 49.038
Yxy	16.9641, 0.4520, 0.3726
Android (android.graphics.Color)	4288897606 (0xFFA36246)
YUV	114.2430, -21.8118, 42.7599
Hunter-Lab	41.1875, 17.1012, 17.3379

Details

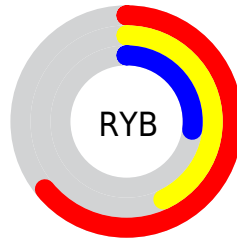
The YUV color **114.2430, -21.8118, 42.7599** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **118.7570, 21.8118, -42.7599**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.1080, -23.7172, 47.2633**, and **64.1930, -19.3221, 37.5417** is the 20% darker color. If you saturate the color by 10%, you get **105.9620, -25.6173, 50.0223**, and if you desaturate by 10%, it is **122.5240, -18.0063, 35.4975**.

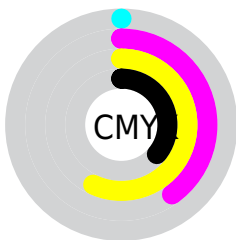
Distribution



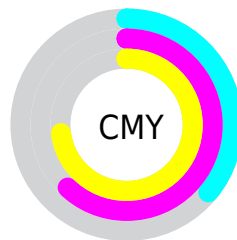
- Red (64%)
- Green (38%)
- Blue (27%)



- Red (64%)
- Yellow (43%)
- Blue (27%)



- Cyan (0%)
- Magenta (40%)
- Yellow (57%)
- Black (36%)



- Cyan (36%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.2430, -21.8118, 42.7599 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 114.2430, -21.8118, 42.7599 by changing the saturation by 10% instead.

■ 114.2430,
-21.8118, 42.7599

■ 114.2430,
-21.8118, 42.7599

■ 255.0000, 0.0000,
0.0000

■ 89.1610, -20.7854,
40.2008

■ 167.1080,
-23.7172, 47.2633

■ 64.1930, -19.3221,
37.5417

■ 194.8910,
-24.5963, 49.2076

■ 40.6550, -20.0429,
35.3826

■ 215.4870,
-21.9321, 34.6529

■ 19.6680, -9.6963,
30.1092

■ 235.1150,
-17.8047, 17.4391

■ 8.7850, -3.8380,
17.7286

■ 251.8080,
-12.2303, 2.7994

■ 0.0000, 0.0000,
0.0000

■ 114.2430,
-21.8118, 42.7599

■ 114.2430,
-21.8118, 42.7599

■ 105.9620,
-25.6173, 50.0223

■ 122.5240,
-18.0063, 35.4975

■ 96.9800, -29.5701,
57.8995

■ 131.5060,
-14.0535, 27.6202

■ 88.6990, -33.3756,
65.1620

■ 139.7870,
-10.2480, 20.3578

■ 79.8310, -36.8917,
72.9392

■ 148.6550, -6.7319,
12.5806

■ 77.5000, -38.2075,
74.9835

■ 157.0500, -2.4896,
5.2182

■ 165.3310, 1.3158,
-2.0443

■ 174.1990, 4.8319,
-9.8215

■ 182.4800, 8.6374,

-17.0840

■ 191.4620, 12.5902,
-24.9612

Harmonies

Analogous

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



115.2020, -9.4666, 49.8118



114.2430, -21.8118, 42.7599



112.5970, -28.8883, 25.7864

Triad

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



114.2430, -21.8118, 42.7599



95.4240, 3.2420, -60.0078



114.2520, 27.9768, -13.3760

Complementary

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



114.2430, -21.8118, 42.7599



118.7570, 21.8118, -42.7599

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.



100.0180, 35.9801, -60.5288



114.2430, -21.8118, 42.7599



91.4720, 20.4733, -80.2209

Square

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



114.2430, -21.8118, 42.7599



106.0190, -15.7854, -23.6957



92.6750, 32.6982, -81.2760



117.8280, 17.8328, 20.3218

Rectangle

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



114.2430, -21.8118, 42.7599



111.2100, -28.6975, 11.2168



92.6750, 32.6982, -81.2760



111.5600, 30.7829, -26.8011

Sweetspot

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



114.2430, -21.8118, 42.7599



193.2210, -8.4900, 16.4692



105.2170, 14.6830, 50.6757



95.8010, -4.8319, 9.8215



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



114.2430, -21.8118, 42.7599



136.2970, -33.6704, 66.3915



141.2450, -35.1238, 19.0791



77.4520, -2.1948, 3.9886



69.1830, -34.1072, 66.4915



8.3170, -4.1003, 8.4920

Inverse Universe

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



118.7570, 21.8118, -42.7599



143.1160, 33.9598, -65.8767



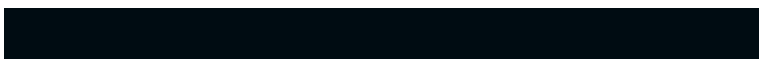
91.7550, 35.1238, -19.0791



77.5480, 2.1948, -3.9886



76.4040, 33.8178, -67.0063



9.0960, 4.3897, -7.9772

Previews

White Background



This preview shows how the YUV color 114.2430, -21.8118, 42.7599 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 114.2430, -21.8118, 42.7599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

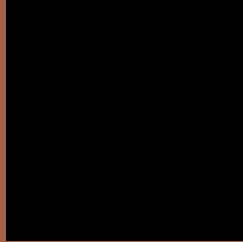
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 114.2430, -21.8118, 42.7599

Background



This preview shows how black text looks on a background with the YUV color 114.2430, -21.8118, 42.7599.



This preview shows how white text looks on a background with the YUV color 114.2430, -21.8118,

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

114.2430, -21.8118, 42.7599

Protanopia

113.6580, -18.0724, 9.9469

Deuteranopia

114.1820, -22.7677, 22.6424



Tritanopia

116.0270, -7.4083, 42.9493

Trichromacy



Original Color

114.2430, -21.8118, 42.7599

Protanomaly

113.9800, -19.7101, 21.9425

Deuteranomaly

114.3400, -22.3526, 29.5198

Tritanomaly

115.0610, -12.3551, 42.9195

Monochromacy



Original Color

114.2430, -21.8118, 42.7599

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0360, -7.9057, 15.7544

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.2430, -21.8118, 42.7599 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(163, 98, 70)` looks like.

```
.text, #text, p{  
    color:rgb(163, 98, 70)  
}
```

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(163, 98, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 98, 70) }
```

Border

The CSS property to change the border of an element to YUV 114.2430, -21.8118, 42.7599 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(163, 98, 70) }
```


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

```
.border{ border-color:rgb(163, 98, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 98, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 98, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 98, 70);  
box-shadow:4px 4px 4px 4px rgb(163, 98,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 114.2430, -21.8118, 42.7599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 98, 70) }
```

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

```
.background{ background-color: rgb(163, 98,  
70) }
```

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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