

Converting Colors

YUV(124.9960, -30.5640,
49.9925)

Have a look what the booklet for
YUV(124.9960, -30.5640, 49.9925)
contains.

YUV(124.9960, -30.5640, 49.9925)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(124.9960, -30.5640,
49.9925)**

Conversions

Conversions Part 1

Format	Color
Hex	B66C3F
RGB	182, 108, 63
RGB Percent	71%, 42%, 25%
CMY	0.2863, 0.5765, 0.7529
CMYK	0.00, 0.41, 0.65, 0.29
HSL	23°, 49%, 48%
HSV	23°, 65%, 71%
XYZ	25.5512, 21.0291, 7.4150
YIQ	124.9960, 58.5490, 1.6930

Conversions

Conversions Part 2

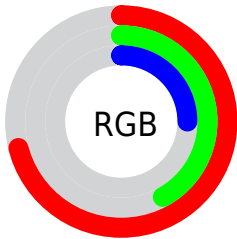
Format	Color
RYB	182, 135, 63
Decimal	11955263
CIELab	52.98, 25.36, 37.26
CIELCh	53, 45.073, 55.757
Yxy	21.0291, 0.4732, 0.3895
Android (android.graphics.Color)	4290145343 (0xFFB66C3F)
YUV	124.9960, -30.5640, 49.9925
Hunter-Lab	45.8575, 19.2072, 22.5133

Details

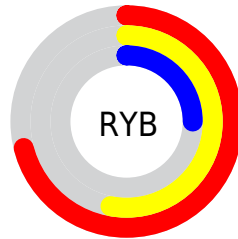
The YUV color **124.9960, -30.5640, 49.9925** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **120.0040, 30.5640, -49.9925**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.0460, -33.0537, 55.2107**, and **73.5330, -28.3638, 44.2596** is the 20% darker color. If you saturate the color by 10%, you get **116.4870, -35.2431, 57.4549**, and if you desaturate by 10%, it is **133.5050, -25.8850, 42.5301**.

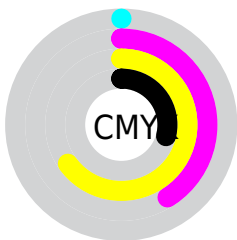
Distribution



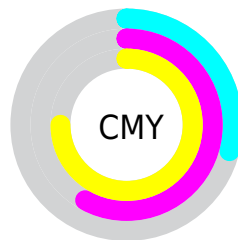
- Red (71%)
- Green (42%)
- Blue (25%)



- Red (71%)
- Yellow (53%)
- Blue (25%)



- Cyan (0%)
- Magenta (41%)
- Yellow (65%)
- Black (29%)



- Cyan (29%)
- Magenta (58%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.9960, -30.5640, 49.9925 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 124.9960, -30.5640, 49.9925 by changing the saturation by 10% instead.

■ 124.9960,
-30.5640, 49.9925

■ 124.9960,
-30.5640, 49.9925

■ 255.0000, 0.0000,
0.0000

■ 99.0280, -29.1008,
47.3334

■ 179.0460,
-33.0537, 55.2107

■ 73.5330, -28.3638,
44.2596

■ 201.7460,
-31.4268, 46.7038

■ 50.1350, -24.7166,
41.1006

■ 221.2600,
-27.7362, 29.5900

■ 28.8490, -14.2226,
35.2124

■ 241.3610,
-24.3350, 11.9614

■ 13.1560, -6.4859,
27.0502

■ 251.0100,
-15.2879, 3.4992

■ 0.0000, 0.0000,
0.0000

■ 254.3160, -2.6208,

0.5999

■ 124.9960,
-30.5640, 49.9925

■ 124.9960,
-30.5640, 49.9925

■ 116.4870,
-35.2431, 57.4549

■ 133.5050,
-25.8850, 42.5301

■ 107.3910,
-39.6328, 65.4321

■ 142.6010,
-21.4953, 34.5529

■ 98.7680, -44.7486,
72.9945

■ 151.2240,
-16.3794, 26.9906

■ 94.9210, -46.7961,
76.3683

■ 159.7330,
-11.7004, 19.5282

■ 168.8290, -7.3107,
11.5510

■ 177.3380, -2.6316,
4.0886

■ 185.8470, 2.0474,
-3.3738

■ 195.0570, 6.8739,
-11.4510

■ 203.5660, 11.5530,
-18.9134

Harmonies

Analogous

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



125.4980, -15.0355, 62.7073



124.9960, -30.5640, 49.9925



123.1920, -38.0557, 26.1416

Triad

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



124.9960, -30.5640, 49.9925



98.6810, 10.0173, -86.5432



127.7780, 33.6334, -7.6983

Complementary

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



124.9960, -30.5640, 49.9925



120.0040, 30.5640, -49.9925

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.



104.9260, 48.8435, -79.7421



124.9960, -30.5640, 49.9925



103.2410, 27.4892, -90.5424

Square

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



124.9960, -30.5640, 49.9925



112.3220, -15.4417, -40.6244



104.4270, 42.1875, -91.5825



130.4860, 19.9734, 33.7768

Rectangle

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



124.9960, -30.5640, 49.9925



120.8260, -36.3962, 7.1686



104.4270, 42.1875, -91.5825



124.4060, 37.7608, -24.9121

Sweetspot

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



124.9960, -30.5640, 49.9925



214.6190, -12.1372, 19.6281



107.1310, 15.2184, 65.6601



106.1280, -7.4581, 12.1657



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



124.9960, -30.5640, 49.9925



148.4050, -47.5277, 77.6978



159.0420, -47.3487, 20.1342



87.4520, -2.1948, 3.9886



81.2770, -40.0696, 65.5321



14.8290, -7.3107, 11.5510

Inverse Universe

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



120.0040, 30.5640, -49.9925



140.5950, 47.5277, -77.6978



85.9580, 47.3487, -20.1342



86.9610, 2.4842, -3.4738



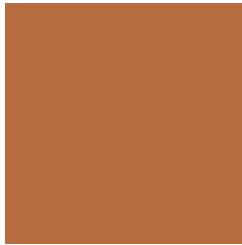
74.7230, 40.0696, -65.5321



13.1710, 7.3107, -11.5510

Previews

White Background



This preview shows how the YUV color 124.9960, -30.5640, 49.9925 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 124.9960, -30.5640, 49.9925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

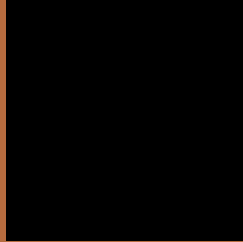
Any Text WCAG AA ✓ Pass

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 124.9960, -30.5640, 49.9925 Background



This preview shows how black text looks on a background with the YUV color 124.9960, -30.5640, 49.9925.



This preview shows how white text looks on a background with the YUV color 124.9960, -30.5640,

49.9925.

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

124.9960, -30.5640, 49.9925

Protanopia

124.2750, -27.2506, 13.7908

Deuteranopia

124.8100, -31.9513, 28.2306



Tritanopia

127.7290, -8.7404, 50.2267

Trichromacy



Original Color

124.9960, -30.5640, 49.9925

Protanomaly

124.4230, -28.3095, 26.8160

Deuteranomaly

124.6800, -31.3942, 36.2376

Tritanomaly

126.6660, -16.5973, 50.2819

Monochromacy



Original Color

124.9960, -30.5640, 49.9925

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.1350, -11.4056, 18.2986

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.9960, -30.5640, 49.9925 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(182, 108, 63)` looks like.

```
.text, #text, p{  
    color:rgb(182, 108, 63)  
}
```

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(182, 108, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 108, 63) }
```

Border

The CSS property to change the border of an element to YUV 124.9960, -30.5640, 49.9925 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(182, 108, 63) }
```


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

```
.border{ border-color:rgb(182, 108, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 108, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 108, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 108, 63);  
box-shadow:4px 4px 4px 4px rgb(182, 108,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 124.9960, -30.5640, 49.9925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 108, 63) }
```

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

```
.background{ background-color: rgb(182,  
108, 63) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor