

Converting Colors

YUV(126.9120, -30.0296,
18.4942)

Have a look what the booklet for
YUV(126.9120, -30.0296, 18.4942)
contains.

YUV(126.9120, -30.0296, 18.4942)	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(126.9120, -30.0296,
18.4942)**

Conversions

Conversions Part 1

Format	Color
Hex	948042
RGB	148, 128, 66
RGB Percent	58%, 50%, 26%
CMY	0.4196, 0.4980, 0.7412
CMYK	0.00, 0.14, 0.55, 0.42
HSL	45°, 38%, 42%
HSV	45°, 55%, 58%
XYZ	20.9153, 22.1276, 8.3230
YIQ	126.9120, 31.8220, -15.0420

Conversions

Conversions Part 2

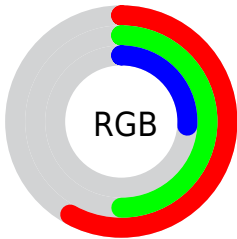
Format	Color
R_{YB}	92, 148, 66
Decimal	9732162
CIE Lab	54.16, -0.56, 36.09
CIE LCh	54, 36.094, 90.887
Yxy	22.1276, 0.4072, 0.4308
Android (android.graphics.Color)	4287922242 (0xFF948042)
YUV	126.9120, -30.0296, 18.4942
Hunter-Lab	47.0400, -2.9539, 22.4376

Details

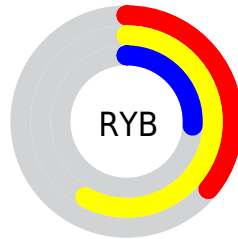
The YUV color **126.9120, -30.0296, 18.4942** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **87.0880, 30.0296, -18.4942**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.4670, -31.7822, 20.6384**, and **76.8300, -29.0032, 15.9351** is the 20% darker color. If you saturate the color by 10%, you get **122.8540, -35.4240, 22.0530**, and if you desaturate by 10%, it is **130.9700, -24.6352, 14.9353**.

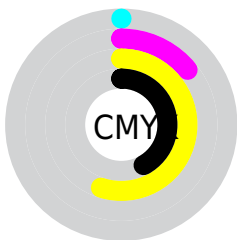
Distribution



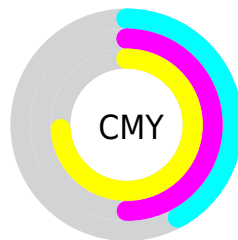
- Red (58%)
- Green (50%)
- Blue (26%)



- Red (36%)
- Yellow (58%)
- Blue (26%)



- Cyan (0%)
- Magenta (14%)
- Yellow (55%)
- Black (42%)



- Cyan (42%)
- Magenta (50%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.9120, -30.0296, 18.4942 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 126.9120, -30.0296, 18.4942 by changing the saturation by 10% instead.

■ 126.9120,
-30.0296, 18.4942

■ 126.9120,
-30.0296, 18.4942

■ 255.0000, 0.0000,
0.0000

■ 101.4280,
-29.2980, 17.1646

■ 180.4670,
-31.7822, 20.6384

■ 76.8300, -29.0032,
15.9351

■ 207.9510,
-32.5138, 21.9680

■ 53.8020, -26.5244,
14.2056

■ 234.0430,
-32.0662, 18.3793

■ 34.0000, -16.7620,
9.6470

■ 248.2740,
-25.7711, 5.8987

■ 13.8990, -6.8522,
4.4736

■ 251.4660,
-13.5407, 3.0993

■ 0.0000, 0.0000,
0.0000

254.7720, -0.8736,

0.2000

■ 126.9120,
-30.0296, 18.4942

■ 126.9120,
-30.0296, 18.4942

■ 122.8540,
-35.4240, 22.0530

■ 130.9700,
-24.6352, 14.9353

■ 119.3830,
-41.1078, 25.0971

■ 134.4410,
-18.9514, 11.8912

■ 115.4390,
-46.0654, 28.5560

■ 138.3850,
-13.9938, 8.4324

■ 111.9680,
-51.7492, 31.6001

■ 141.8560, -8.3100,
5.3883

■ 109.9960,
-54.2280, 33.3295

■ 145.9140, -2.9156,
1.8294

■ 149.9720, 2.4788,
-1.7294

■ 153.4430, 8.1626,
-4.7735

■ 157.3870, 13.1202,
-8.2324

■ 160.8580, 18.8040,
-11.2765

Harmonies

Analogous

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



129.0700, -26.1635, 38.5266



126.9120, -30.0296, 18.4942



123.5390, -24.4227, -6.6117

Triad

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



126.9120, -30.0296, 18.4942



103.3550, 27.9260, -90.6423



133.3410, 13.1429, 31.2729

Complementary

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



126.9120, -30.0296, 18.4942



87.0880, 30.0296, -18.4942

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.



131.6560, 25.3126, 1.1787



126.9120, -30.0296, 18.4942



103.6290, 39.1299, -90.8826

Square

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



126.9120, -30.0296, 18.4942



103.9960, 12.3270, -80.6805



123.4770, 33.2888, -37.2523



131.7810, -0.8780, 48.4271

Rectangle

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



126.9120, -30.0296, 18.4942



120.1220, -15.3431, -25.5400



123.4770, 33.2888, -37.2523



133.1380, 17.6800, 22.6810

Sweetspot

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



126.9120, -30.0296, 18.4942



182.6560, -11.6624, 7.3177



92.9120, -2.9146, 48.3122



91.8990, -6.8522, 4.4736



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



126.9120, -30.0296, 18.4942



158.4390, -46.0654, 28.5560



132.6720, -32.8693, -4.0973



72.0280, -2.4788, 1.7294



102.3100, -50.4388, 31.3001



7.6860, -3.7892, 2.0294

Inverse Universe

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



87.0880, 30.0296, -18.4942



97.5610, 46.0654, -28.5560



81.6270, 32.7219, 4.7121



68.3850, 2.7682, -1.2146



35.6900, 50.4388, -31.3001



2.3140, 3.7892, -2.0294

Previews

White Background



This preview shows how the YUV color 126.9120, -30.0296, 18.4942 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 126.9120, -30.0296, 18.4942 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 126.9120, -30.0296, 18.4942

Background



This preview shows how black text looks on a background with the YUV color 126.9120, -30.0296, 18.4942.



This preview shows how white text looks on a background with the YUV color 126.9120, -30.0296, 18.4942.

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

126.9120, -30.0296, 18.4942

Protanopia

126.7050, -29.4346, 14.2907

Deuteranopia

127.9670, -30.0567, 27.2159



Tritanopia

131.8930, -0.9332, 19.3878

Trichromacy



Original Color

126.9120, -30.0296, 18.4942

Protanomaly

126.7160, -29.4400, 16.0351

Deuteranomaly

127.3580, -29.7565, 24.2420

Tritanomaly

130.4340, -11.5530, 18.9134

Monochromacy



Original Color

126.9120, -30.0296, 18.4942

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.8840, -10.7888, 7.1177

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.9120, -30.0296, 18.4942 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(148, 128, 66)` looks like.

```
.text, #text, p{  
    color:rgb(148, 128, 66)  
}
```

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(148, 128, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 128, 66) }
```

Border

The CSS property to change the border of an element to YUV 126.9120, -30.0296, 18.4942 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(148, 128, 66) }
```


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

```
.border{ border-color:rgb(148, 128, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 128, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 128, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 128, 66);  
box-shadow:4px 4px 4px 4px rgb(148, 128,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 126.9120, -30.0296, 18.4942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 128, 66) }
```

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

```
.background{ background-color: rgb(148,  
128, 66) }
```

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