

Converting Colors

YUV(24.5530, -12.1046, 9.1620)

Have a look what the booklet for
YUV(24.5530, -12.1046, 9.1620)
contains.

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Color

**YUV(24.5530, -12.1046,
9.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	231800
RGB	35, 24, 0
RGB Percent	14%, 9%, 0%
CMY	0.8627, 0.9059, 1.0000
CMYK	0.00, 0.31, 1.00, 0.86
HSL	41°, 100%, 7%
HSV	41°, 100%, 14%
XYZ	1.0198, 1.0106, 0.1413
YIQ	24.5530, 14.2600, -5.1320

Conversions

Conversions Part 2

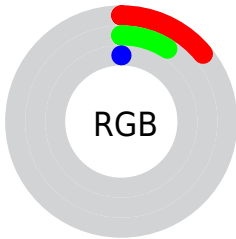
Format	Color
RYB	16, 35, 0
Decimal	2299904
CIELab	9.08, 2.18, 13.63
CIELCh	9, 13.806, 80.924
Yxy	1.0106, 0.4696, 0.4654
Android (android.graphics.Color)	4280489984 (0xFF231800)
YUV	24.5530, -12.1046, 9.1620
Hunter-Lab	10.0528, 0.5148, 6.2035

Details

The YUV color **24.5530, -12.1046, 9.1620** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **10.4470, 12.1046, -9.1620**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.4220, -10.0680, 9.2769**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.5530, -12.1046, 9.1620**, and if you desaturate by 10%, it is **25.4820, -11.0836, 8.3473**.

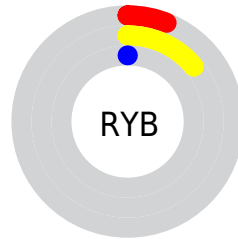
Distribution



Red (14%)

Green (9%)

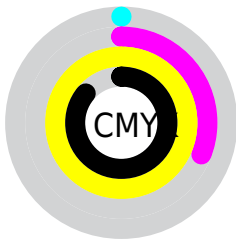
Blue (0%)



Red (6%)

Yellow (14%)

Blue (0%)

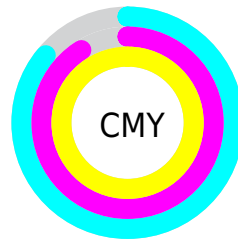


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (86%)



Cyan (86%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.5530, -12.1046, 9.1620 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 24.5530, -12.1046, 9.1620 by changing the saturation by 10% instead.

■ 24.5530, -12.1046,
9.1620

■ 24.5530, -12.1046,
9.1620

■ 248.7590,
-11.2202, 5.4734

■ 0.0000, 0.0000,
0.0000

■ 68.4220, -10.0680,
9.2769

■ 91.9060, -10.7997,
10.6064


■ 116.7920,
-11.2365, 10.7064


■ 141.9770,
-11.8207, 11.4212


■ 168.5750,
-12.1155, 12.6507


■ 196.1620,


-12.4049, 12.1359


 223.7600,
-12.6997, 13.3655


 24.5530, -12.1046,
9.1620

 25.4820, -11.0836,
8.3473

 26.5250, -9.6258,
7.4326

 27.5680, -8.1680,
6.5179

 28.4970, -7.1470,
5.7031

 29.5400, -5.6892,
4.7884

■ 31.0560, -4.9576,
3.4589

■ 32.0990, -3.4998,
2.5442

■ 33.0280, -2.4788,
1.7294

■ 34.0710, -1.0210,
0.8147

Harmonies

Analogous

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



25.3840, -9.0633, 13.6952



24.5530, -12.1046, 9.1620



23.7370, -11.2093, 1.9847

Triad

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



24.5530, -12.1046, 9.1620



21.8450, 5.0064, -19.1581



26.7110, 5.0725, 6.3925

Complementary

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



24.5530, -12.1046, 9.1620



10.4470, 12.1046, -9.1620

Split Complementary

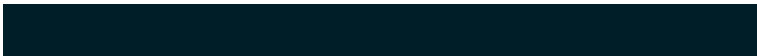
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.5680, 8.5940, -3.1291



24.5530, -12.1046, 9.1620



22.1700, 8.7902, -19.4431

Square

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



24.5530, -12.1046, 9.1620



20.1180, 0.9278, -17.6435



22.0610, 10.8159, -15.8395



26.1310, 1.4144, 13.0401

Rectangle

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



24.5530, -12.1046, 9.1620



23.5020, -8.1355, -3.9483



22.0610, 10.8159, -15.8395



26.7430, 6.5357, 3.7334

Sweetspot

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



24.5530, -12.1046, 9.1620



42.0560, -4.9576, 3.4589



11.7190, -0.3545, 20.4174



20.3270, -2.6262, 2.3442



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



24.5530, -12.1046, 9.1620



31.9510, -15.7518, 12.3210



29.2160, -14.4035, -0.1894



17.1850, -0.5842, 0.7148



57.3900, -28.2933, 21.5830



146.4320, -72.1910, 54.8721

Inverse Universe

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



10.4470, 12.1046, -9.1620



13.4620, 16.0412, -11.8062



5.7840, 14.4035, 0.1894



16.8150, 0.5842, -0.7148



24.6100, 28.2933, -21.5830



62.5680, 72.1910, -54.8721

Previews

White Background



This preview shows how the YUV color 24.5530, -12.1046, 9.1620 looks on a white background.

Color Contrast Check

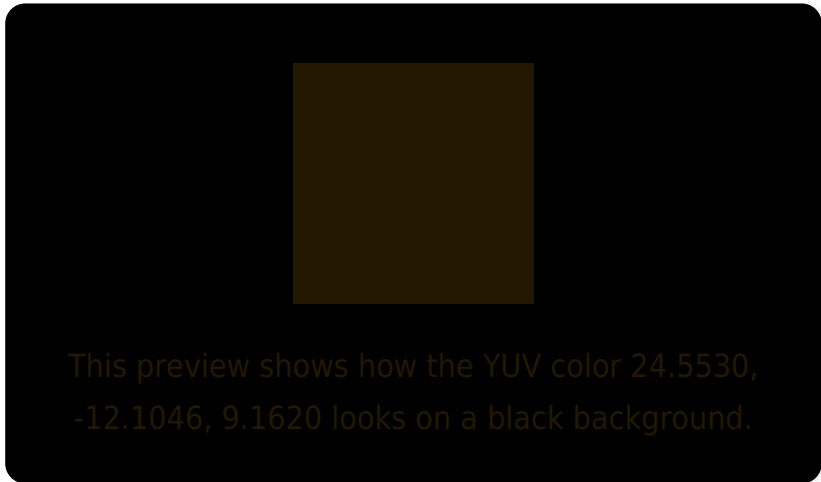
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

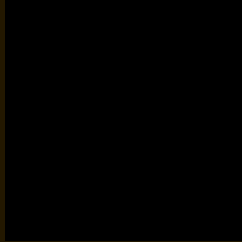
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.5530, -12.1046, 9.1620

Background



This preview shows how black text looks on a background with the YUV color 24.5530, -12.1046, 9.1620.

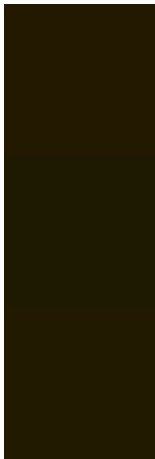


This preview shows how white text looks on a background with the YUV color 24.5530, -12.1046, 9.1620.

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

24.5530, -12.1046, 9.1620

Protanopia

24.4600, -11.0728, 4.8586

Deuteranopia

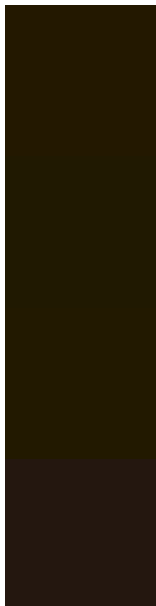
24.5420, -12.0992, 7.4177



Tritanopia

26.4140, -1.1901, 8.4069

Trichromacy



Original Color

24.5530, -12.1046, 9.1620

Protanomaly

24.3570, -11.5150, 6.7029

Deuteranomaly

24.8410, -12.2466, 8.0324

Tritanomaly

25.9750, -5.4107, 8.7919

Monochromacy



Original Color

24.5530, -12.1046, 9.1620

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.1700, -4.5208, 3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.5530, -12.1046, 9.1620 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(35, 24, 0)` looks like.

```
.text, #text, p{  
    color:rgb(35, 24, 0)  
}
```

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(35, 24, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 24, 0) }
```

Border

The CSS property to change the border of an element to YUV 24.5530, -12.1046, 9.1620 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(35, 24, 0) }
```


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

```
.border{ border-color:rgb(35, 24, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 24, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 24, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(35, 24, 0); box-shadow:4px  
4px 4px 4px rgb(35, 24, 0) }
```

Background

The CSS property to change the background color of an element to YUV 24.5530, -12.1046, 9.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 24, 0) }
```

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

```
.background{ background-color: rgb(35, 24,  
0) }
```

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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