

Converting Colors

YUV(24.9730, -12.3117,
28.9647)

Have a look what the booklet for
YUV(24.9730, -12.3117, 28.9647)
contains.

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Color

**YUV(24.9730, -12.3117,
28.9647)**

Conversions

Conversions Part 1

Format	Color
Hex	3A0D00
RGB	58, 13, 0
RGB Percent	23%, 5%, 0%
CMY	0.7725, 0.9490, 1.0000
CMYK	0.00, 0.78, 1.00, 0.77
HSL	13°, 100%, 11%
HSV	13°, 100%, 23%
XYZ	1.8888, 1.1874, 0.1296
YIQ	24.9730, 30.9930, 5.4970

Conversions

Conversions Part 2

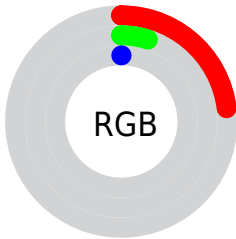
Format	Color
RYB	58, 17, 0
Decimal	3804416
CIELab	10.46, 21.36, 16.19
CIElCh	10, 26.803, 37.151
Yxy	1.1874, 0.5892, 0.3704
Android (android.graphics.Color)	4281994496 (0xFF3A0D00)
YUV	24.9730, -12.3117, 28.9647
Hunter-Lab	10.8967, 11.8720, 6.9224

Details

The YUV color **24.9730, -12.3117, 28.9647** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **33.0270, 12.3117, -28.9647**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.1090, -11.8857, 32.3534**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.9730, -12.3117, 28.9647**, and if you desaturate by 10%, it is **28.0050, -10.8485, 26.3056**.

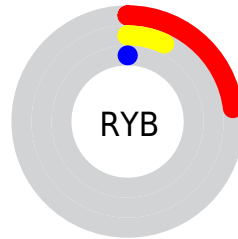
Distribution



Red (23%)

Green (5%)

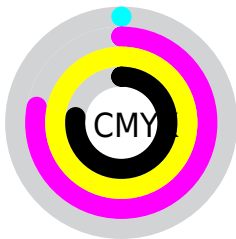
Blue (0%)



Red (23%)

Yellow (7%)

Blue (0%)

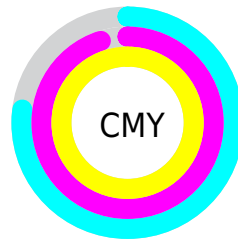


Cyan (0%)

Magenta (78%)

Yellow (100%)

Black (77%)



Cyan (77%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.9730, -12.3117, 28.9647 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 24.9730, -12.3117, 28.9647 by changing the saturation by 10% instead.

■ 24.9730, -12.3117,
28.9647

■ 24.9730, -12.3117,
28.9647

■ 243.4760, -8.6157,
10.1065

■ 10.8780, -4.8699,
22.0320

■ 72.1090, -11.8857,
32.3534

■ 0.0000, 0.0000,
0.0000

■ 95.8920, -12.7648,
34.2977


■ 121.6750,
-13.6438, 36.2420


■ 147.4580,
-14.5228, 38.1863


■ 174.0560,
-14.8176, 39.4159


■ 202.5400,


-15.5492, 40.7454


 223.2610,
-12.4537, 27.8351


 24.9730, -12.3117,
28.9647

 28.0050, -10.8485,
26.3056

 31.6240, -9.6746,
23.1318

 35.1290, -8.9376,
20.0579

 38.1610, -7.4744,
17.3988

 41.1930, -6.0111,
14.7397

■ 44.8120, -4.8373,
11.5659

■ 48.4310, -3.6635,
8.3920

■ 51.3490, -2.6371,
5.8329

■ 54.9680, -1.4632,
2.6591

Harmonies

Analogous

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



24.8990, 0.0498, 30.7836



24.9730, -12.3117, 28.9647



27.2660, -13.4421, 18.1837

Triad

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



24.9730, -12.3117, 28.9647



22.3860, -5.6133, -19.6325



24.4330, 19.9995, -21.4277

Complementary

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



24.9730, -12.3117, 28.9647



33.0270, 12.3117, -28.9647

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.



27.0260, 17.2422, -23.7018



24.9730, -12.3117, 28.9647



25.3670, 3.2701, -22.2469

Square

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



24.9730, -12.3117, 28.9647



23.8560, -11.7610, -7.7667



26.8320, 11.4218, -23.5317



29.1050, 14.2452, 4.2929

Rectangle

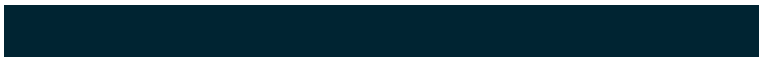
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.9730, -12.3117, 28.9647



27.2110, -13.4150, 9.4620



26.8320, 11.4218, -23.5317



25.6070, 19.4207, -22.4573

Sweetspot

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



24.9730, -12.3117, 28.9647



63.8120, -4.8373, 11.5659



22.4720, 11.1063, 31.1581



30.5340, -3.2213, 6.5477



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



24.9730, -12.3117, 28.9647



33.0020, -16.2700, 38.5862



41.9960, -20.7040, 14.0355



26.4840, -0.7316, 1.3295



39.8350, -19.6387, 45.7487



94.2440, -46.4623, 109.4110

Inverse Universe

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



33.0270, 12.3117, -28.9647



43.4110, 16.5594, -38.0714



16.0040, 20.7040, -14.0355



26.5160, 0.7316, -1.3295



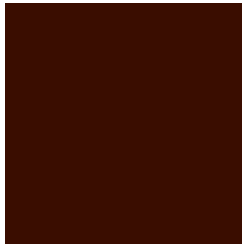
52.1650, 19.6387, -45.7487



124.7560, 46.4623, -109.4110

Previews

White Background



This preview shows how the YUV color 24.9730, -12.3117, 28.9647 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

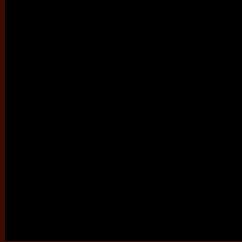
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.9730, -12.3117, 28.9647

Background



This preview shows how black text looks on a background with the YUV color 24.9730, -12.3117, 28.9647.

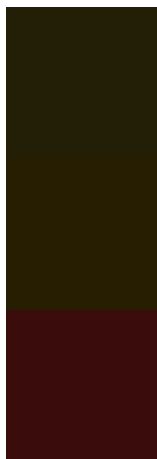


This preview shows how white text looks on a background with the YUV color 24.9730, -12.3117,

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



Protanopia

29.4600, -11.0728, 4.8586

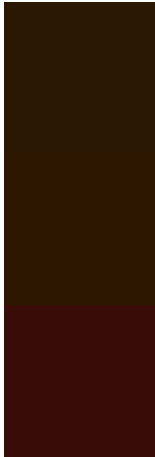
Deuteranopia

28.6840, -14.1412, 9.0471

Tritanopia

25.7540, -6.7807, 28.2797

Trichromacy



Protanomaly

27.4010, -11.5367, 13.6803

Deuteranomaly

27.2550, -13.4367, 16.4394

Tritanomaly

25.2980, -8.5279, 28.6797

Monochromacy



Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.2140, -4.5425, 10.3363

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.9730, -12.3117, 28.9647 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(58, 13, 0)` looks like.

```
.text, #text, p{  
    color:rgb(58, 13, 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(58, 13, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 13, 0) }
```

Border

The CSS property to change the border of an element to YUV 24.9730, -12.3117, 28.9647 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(58, 13, 0) }
```

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

```
.border{ border-color:rgb(58, 13, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 13, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 13, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(58, 13, 0); box-shadow:4px  
4px 4px 4px rgb(58, 13, 0) }
```


Background

The CSS property to change the background color of an element to YUV 24.9730, -12.3117, 28.9647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 13, 0) }
```

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

```
.background{ background-color: rgb(58, 13,  
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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