

Converting Colors

YUV(24.3530, -12.0060,
24.2464)

Have a look what the booklet for
YUV(24.3530, -12.0060, 24.2464)
contains.

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Color

**YUV(24.3530, -12.0060,
24.2464)**

Conversions

Conversions Part 1

Format	Color
Hex	340F00
RGB	52, 15, 0
RGB Percent	20%, 6%, 0%
CMY	0.7961, 0.9412, 1.0000
CMYK	0.00, 0.71, 1.00, 0.80
HSL	17°, 100%, 10%
HSV	17°, 100%, 20%
XYZ	1.5870, 1.0717, 0.1232
YIQ	24.3530, 26.8670, 3.1790

Conversions

Conversions Part 2

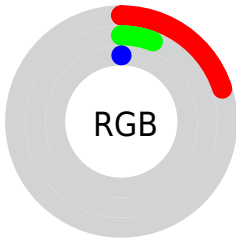
Format	Color
R_{YB}	52, 21, 0
Decimal	3411712
CIE Lab	9.58, 17.56, 14.75
CIE LCh	10, 22.929, 40.026
Yxy	1.0717, 0.5705, 0.3852
Android (android.graphics.Color)	4281601792 (0xFF340F00)
YUV	24.3530, -12.0060, 24.2464
Hunter-Lab	10.3524, 9.2471, 6.5410

Details

The YUV color **24.3530, -12.0060, 24.2464** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **27.6470, 12.0060, -24.2464**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.3040, -10.9959, 26.9204**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.3530, -12.0060, 24.2464**, and if you desaturate by 10%, it is **27.2710, -10.9796, 21.6873**.

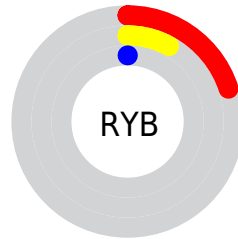
Distribution



Red (20%)

Green (6%)

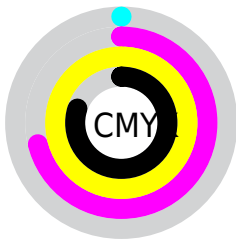
Blue (0%)



Red (20%)

Yellow (8%)

Blue (0%)

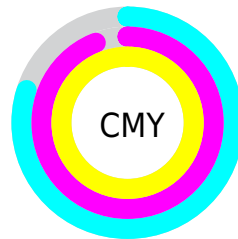


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (80%)



Cyan (80%)

Magenta (94%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.3530, -12.0060, 24.2464 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 24.3530, -12.0060, 24.2464 by changing the saturation by 10% instead.

■ 24.3530, -12.0060,
24.2464

■ 24.3530, -12.0060,
24.2464

■ 243.4760, -8.6157,
10.1065

■ 8.7850, -3.8380,
17.7286

■ 70.3040, -10.9959,
26.9204

■ 0.0000, 0.0000,
0.0000

■ 94.0870, -11.8749,
28.8647

■ 118.9840,
-12.3171, 30.7090


■ 145.3540,
-13.4855, 32.1385


■ 171.9520,
-13.7803, 33.3681


■ 199.5500,


-14.0751, 34.5977


 223.8480,
-12.7431, 27.3203


 24.3530, -12.0060,
24.2464

 27.2710, -10.9796,
21.6873

 29.6020, -9.6638,
19.6430

 32.6340, -8.2006,
16.9840

 35.5520, -7.1741,
14.4249

 37.8830, -5.8583,
12.3806

■ 40.8010, -4.8319,
9.8215

■ 43.7190, -3.8055,
7.2624

■ 46.7510, -2.3422,
4.6034

■ 49.0820, -1.0264,
2.5591

Harmonies

Analogous

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



25.1110, -1.5337, 25.3357



24.3530, -12.0060, 24.2464



25.7710, -12.7051, 15.1098

Triad

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



24.3530, -12.0060, 24.2464



21.5540, -3.7241, -18.9029



22.3470, 17.0839, -19.5983

Complementary

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



24.3530, -12.0060, 24.2464



27.6470, 12.0060, -24.2464

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.



24.5810, 15.4896, -21.5575



24.3530, -12.0060, 24.2464



23.4920, 3.7014, -20.6025

Square

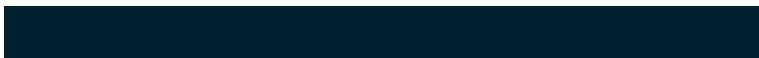
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.3530, -12.0060, 24.2464



22.3830, -11.0348, -7.3519



25.2020, 10.2534, -22.1022



27.6060, 11.0402, 5.6075

Rectangle

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



24.3530, -12.0060, 24.2464



25.7270, -12.6834, 8.1324



25.2020, 10.2534, -22.1022



23.0480, 17.2313, -20.2131

Sweetspot

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



24.3530, -12.0060, 24.2464



57.8010, -4.8319, 9.8215



19.7660, 8.4964, 28.2692



29.2350, -3.0739, 5.9329



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



24.3530, -12.0060, 24.2464



32.3710, -15.9589, 32.1236



39.6150, -19.5302, 10.8616



24.4840, -0.7316, 1.3295



41.8730, -20.6434, 41.3304



101.8640, -50.2190, 100.9743

Inverse Universe

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



27.6470, 12.0060, -24.2464



36.6290, 15.9589, -32.1236



12.3850, 19.5302, -10.8616



24.5160, 0.7316, -1.3295



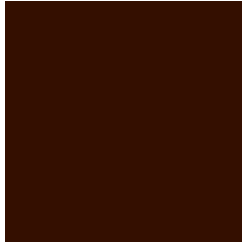
47.7140, 20.3540, -41.8452



115.1360, 50.2190, -100.9743

Previews

White Background



This preview shows how the YUV color 24.3530, -12.0060, 24.2464 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

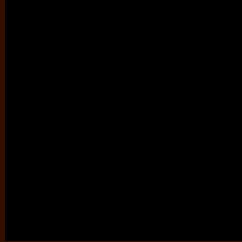
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.3530, -12.0060, 24.2464

Background



This preview shows how black text looks on a background with the YUV color 24.3530, -12.0060, 24.2464.

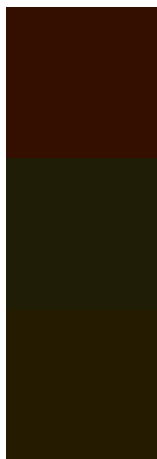


This preview shows how white text looks on a background with the YUV color 24.3530, -12.0060,

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

24.3530, -12.0060, 24.2464

Protanopia

27.2750, -10.4886, 4.1438

Deuteranopia

26.6130, -13.1202, 8.2324



Tritanopia

25.4760, -5.1647, 23.2615

Trichromacy



Original Color

24.3530, -12.0060, 24.2464

Protanomaly

26.2050, -10.9471, 11.2212

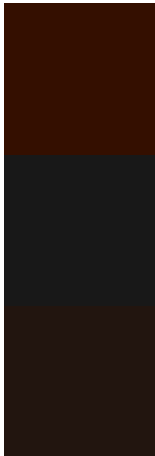
Deuteranomaly

26.0590, -12.8471, 13.9803

Tritanomaly

24.9060, -7.3487, 23.7614

Monochromacy



Original Color

24.3530, -12.0060, 24.2464

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

24.2030, -4.5371, 8.5920

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.3530, -12.0060, 24.2464 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(52, 15, 0)` looks like.

```
.text, #text, p{  
    color:rgb(52, 15, 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(52, 15, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 15, 0) }
```

Border

The CSS property to change the border of an element to YUV 24.3530, -12.0060, 24.2464 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(52, 15, 0) }
```


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

```
.border{ border-color:rgb(52, 15, 0) }
```

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

Here you see how a box with a 4 pixel rgb(52, 15, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 15, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(52, 15, 0); box-shadow:4px  
4px 4px 4px rgb(52, 15, 0) }
```

Background

The CSS property to change the background color of an element to YUV 24.3530, -12.0060, 24.2464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 15, 0) }
```

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

```
.background{ background-color: rgb(52, 15,  
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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