

Converting Colors

YUV(29.3530, -12.0060,
24.2464)

Have a look what the booklet for
YUV(29.3530, -12.0060, 24.2464)
contains.

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Color

**YUV(29.3530, -12.0060,
24.2464)**

Conversions

Conversions Part 1

Format	Color
Hex	391405
RGB	57, 20, 5
RGB Percent	22%, 8%, 2%
CMY	0.7765, 0.9216, 0.9804
CMYK	0.00, 0.65, 0.91, 0.78
HSL	17°, 84%, 12%
HSV	17°, 91%, 22%
XYZ	1.9649, 1.3811, 0.3066
YIQ	29.3530, 26.8670, 3.1790

Conversions

Conversions Part 2

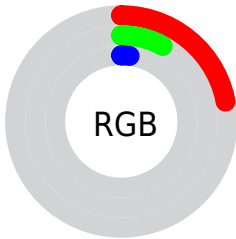
Format	Color
R_{YB}	57, 26, 5
Decimal	3740677
CIE Lab	11.83, 17.26, 16.01
CIE LCh	12, 23.547, 42.850
Yxy	1.3811, 0.5379, 0.3781
Android (android.graphics.Color)	4281930757 (0xFF391405)
YUV	29.3530, -12.0060, 24.2464
Hunter-Lab	11.7521, 9.2780, 6.6797

Details

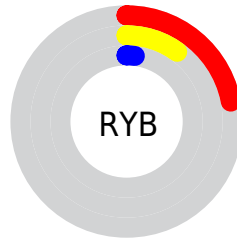
The YUV color **29.3530, -12.0060, 24.2464** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **32.6470, 12.0060, -24.2464**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.3750, -12.0169, 27.7351**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.4350, -13.0325, 26.8055**, and if you desaturate by 10%, it is **32.3850, -10.5428, 21.5874**.

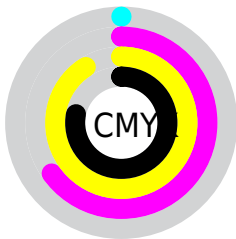
Distribution



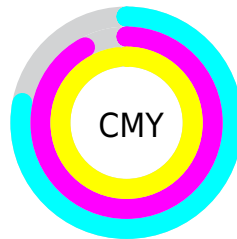
- Red (22%)
- Green (8%)
- Blue (2%)



- Red (22%)
- Yellow (10%)
- Blue (2%)



- Cyan (0%)
- Magenta (65%)
- Yellow (91%)
- Black (78%)



- Cyan (78%)
- Magenta (92%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.3530, -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 29.3530, -12.0060, 24.2464 by changing the saturation by 10% instead.

■ 29.3530, -12.0060,
24.2464

■ 29.3530, -12.0060,
24.2464

■ 248.0410, -8.8942,
6.1030

■ 10.4650, -5.1592,
21.5172

■ 75.3750, -12.0169,
27.7351

■ 0.0000, 0.0000,
0.0000

■ 99.1580, -12.8959,
29.6794


■ 124.9410,
-13.7749, 31.6237


■ 151.1260,
-14.3591, 32.3385


■ 178.0230,
-14.8013, 34.1828


■ 205.5070,


-15.5330, 35.5124


 227.8260,
-12.7322, 23.8316


 29.3530, -12.0060,
24.2464


 29.3530, -12.0060,
24.2464


 26.4350, -13.0325,
26.8055

 32.3850, -10.5428,
21.5874

 35.3030, -9.5164,
19.0283

 38.3350, -8.0532,
16.3692

 41.3670, -6.5899,
13.7101

 44.3990, -5.1267,
11.0511

■ 47.3170, -4.1003,
8.4920

■ 50.3490, -2.6371,
5.8329

■ 53.3810, -1.1738,
3.1739

■ 56.8860, -0.4368,
0.1000

Harmonies

Analogous

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



29.5950, -2.2653, 26.6652



29.3530, -12.0060, 24.2464



30.2010, -14.8891, 15.6097

Triad

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



29.3530, -12.0060, 24.2464



24.7000, -1.8241, -21.6619



28.3690, 17.0731, -16.1096

Complementary

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



29.3530, -12.0060, 24.2464



32.6470, 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.



28.2000, 16.6634, -24.7314



29.3530, -12.0060, 24.2464



27.2250, 5.3121, -23.8763

Square

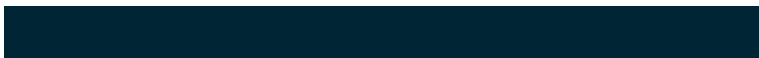
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.3530, -12.0060, 24.2464



25.9160, -12.7766, -8.6963



28.3480, 12.1534, -24.8612



32.6170, 11.0348, 7.3519

Rectangle

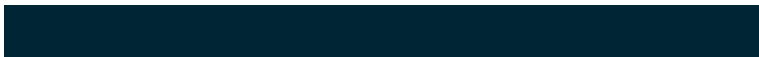
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.3530, -12.0060, 24.2464



29.8580, -14.7200, 8.0175



28.3480, 12.1534, -24.8612



26.6670, 18.4052, -23.3870

Sweetspot

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



29.3530, -12.0060, 24.2464



63.5020, -4.6845, 9.2067



24.7660, 8.4964, 28.2692



31.9360, -2.9264, 5.3181



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.



29.3530, -12.0060, 24.2464



34.4530, -16.9853, 34.6827



44.6150, -19.5302, 10.8616



26.4840, -0.7316, 1.3295



42.7700, -21.0856, 43.1747



102.4620, -50.5138, 102.2038

Inverse Universe

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



32.6470, 12.0060, -24.2464



39.5470, 16.9853, -34.6827



17.3850, 19.5302, -10.8616



26.5160, 0.7316, -1.3295



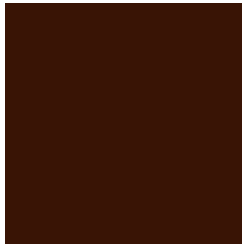
48.6430, 21.3750, -42.6599



116.5380, 50.5138, -102.2038

Previews

White Background



This preview shows how the YUV color 29.3530, -12.0060, 24.2464 looks on a white background.

Color Contrast Check

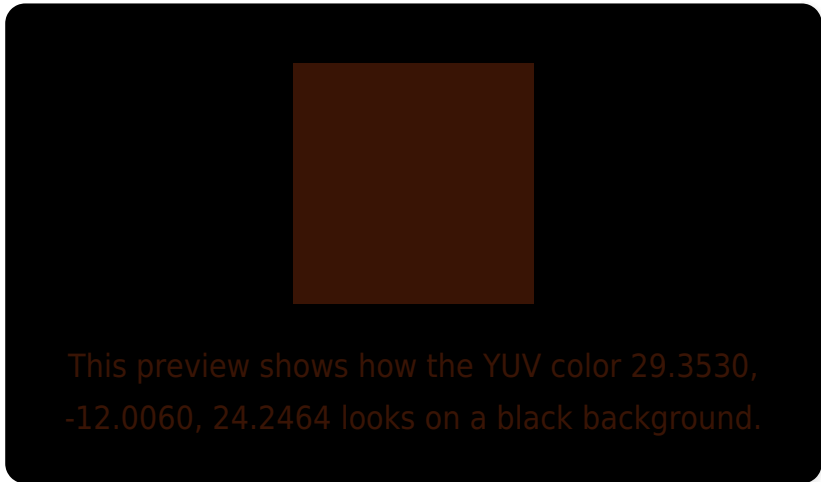
Large Text (above 18pt) WCAG AA ✓ Pass

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

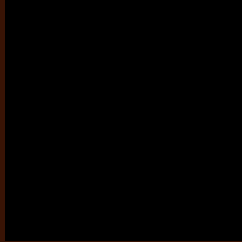
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.3530, -12.0060, 24.2464

Background



This preview shows how black text looks on a background with the YUV color 29.3530, -12.0060, 24.2464.

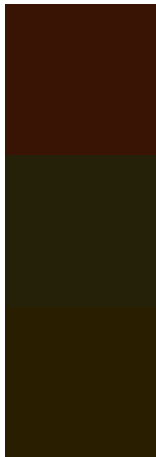


This preview shows how white text looks on a background with the YUV color 29.3530, -12.0060,

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

29.3530, -12.0060, 24.2464

Protanopia

31.3460, -11.5096, 4.9586

Deuteranopia

30.4560, -15.0148, 9.2471



Tritanopia

30.4760, -5.1647, 23.2615

Trichromacy



Original Color

29.3530, -12.0060, 24.2464

Protanomaly

30.3900, -11.5313, 11.9360

Deuteranomaly

30.1300, -13.8681, 14.7950

Tritanomaly

29.9060, -7.3487, 23.7614

Monochromacy



Original Color

29.3530, -12.0060, 24.2464

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.2030, -4.5371, 8.5920

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.3530, -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(57, 20, 5)` looks like.

```
.text, #text, p{  
    color:rgb(57, 20, 5)  
}
```

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(57, 20, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 20, 5) }
```

Border

The CSS property to change the border of an element to YUV 29.3530, -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(57, 20, 5) }
```


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

```
.border{ border-color:rgb(57, 20, 5) }
```

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

Here you see how a box with a 4 pixel rgb(57, 20, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 20, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(57, 20, 5); box-shadow:4px  
4px 4px 4px rgb(57, 20, 5) }
```

Background

The CSS property to change the background color of an element to YUV 29.3530, -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(57, 20, 5) }
```

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

```
.background{ background-color: rgb(57, 20,  
5) }
```

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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