

Converting Colors

YUV(24.1300, -10.4171,
27.9500)

Have a look what the booklet for
YUV(24.1300, -10.4171, 27.9500)
contains.

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Color

**YUV(24.1300, -10.4171,
27.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	380C03
RGB	56, 12, 3
RGB Percent	22%, 5%, 1%
CMY	0.7804, 0.9529, 0.9882
CMYK	0.00, 0.79, 0.95, 0.78
HSL	10°, 90%, 12%
HSV	10°, 95%, 22%
XYZ	1.7788, 1.1103, 0.2067
YIQ	24.1300, 29.1130, 6.5290

Conversions

Conversions Part 2

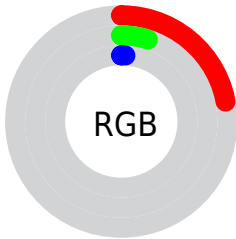
Format	Color
RYB	56, 14, 3
Decimal	3673091
CIELab	9.88, 21.21, 14.07
CIELCh	10, 25.451, 33.574
Yxy	1.1103, 0.5746, 0.3586
Android (android.graphics.Color)	4281863171 (0xFF380C03)
YUV	24.1300, -10.4171, 27.9500
Hunter-Lab	10.5369, 11.6938, 6.2128

Details

The YUV color **24.1300, -10.4171, 27.9500** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **34.8700, 10.4171, -27.9500**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.8530, -10.2805, 30.8239**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.6140, -11.1487, 29.2795**, and if you desaturate by 10%, it is **27.7490, -9.2433, 24.7761**.

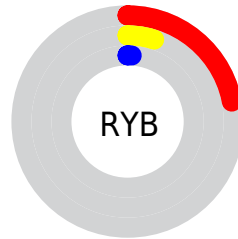
Distribution



Red (22%)

Green (5%)

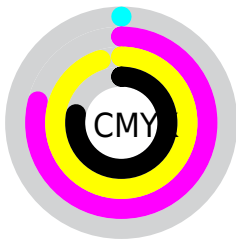
Blue (1%)



Red (22%)

Yellow (5%)

Blue (1%)

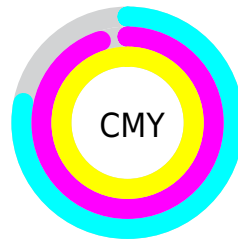


Cyan (0%)

Magenta (79%)

Yellow (95%)

Black (78%)



Cyan (78%)

Magenta (95%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.1300, -10.4171, 27.9500 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 24.1300, -10.4171, 27.9500 by changing the saturation by 10% instead.

■ 24.1300, -10.4171,
27.9500

■ 24.1300, -10.4171,
27.9500

■ 242.5300, -7.1633,
10.9362

■ 10.2800, -4.5750,
20.8024

■ 70.8530, -10.2805,
30.8239

■ 0.0000, 0.0000,
0.0000

■ 94.9350, -11.3070,
33.3830

■ 119.8320,
-11.7492, 35.2273


■ 146.3160,
-12.4808, 36.5569


■ 172.8000,
-13.2124, 37.8864


■ 200.6970,


-13.6546, 39.7307


 222.9020,
-11.2907, 28.1499


 24.1300, -10.4171,
27.9500


 24.1300, -10.4171,
27.9500


 22.6140, -11.1487,
29.2795

 27.7490, -9.2433,
24.7761

 30.6670, -8.2168,
22.2170

 34.2860, -7.0430,
19.0432

 37.7910, -6.3060,
15.9693

 40.8230, -4.8427,
13.3102

■ 44.4420, -3.6689,
10.1364

■ 47.9470, -2.9319,
7.0625

■ 50.9790, -1.4686,
4.4034

■ 54.4840, -0.7316,
1.3295

Harmonies

Analogous

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



24.7030, 0.6394, 28.3245



24.1300, -10.4171, 27.9500



25.7930, -12.7159, 18.5985

Triad

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



24.1300, -10.4171, 27.9500



20.7560, -6.7817, -18.2030



24.0910, 18.6891, -21.1278

Complementary

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



24.1300, -10.4171, 27.9500



34.8700, 10.4171, -27.9500

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.



25.9830, 15.7844, -22.7871



24.1300, -10.4171, 27.9500



24.4380, 2.2491, -21.4321

Square

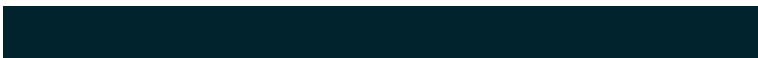
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.1300, -10.4171, 27.9500



23.8670, -11.7664, -6.0224



25.7890, 9.9640, -22.6170



27.9690, 13.8193, 0.9042

Rectangle

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



24.1300, -10.4171, 27.9500



26.0370, -12.8362, 10.4916



25.7890, 9.9640, -22.6170



24.6780, 18.3997, -21.6426

Sweetspot

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



24.1300, -10.4171, 27.9500



61.6270, -4.2531, 10.8511



23.8630, 11.4065, 28.1841



30.0610, -2.4951, 6.9625



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.



24.1300, -10.4171, 27.9500



29.7570, -14.6702, 38.8011



39.3920, -17.9413, 14.5652



26.4840, -0.7316, 1.3295



36.9000, -18.1917, 48.3227



87.2000, -42.9896, 115.5886

Inverse Universe

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



34.8700, 10.4171, -27.9500



44.2430, 14.6702, -38.8011



19.6080, 17.9413, -14.5652



27.1030, 0.4422, -1.8443



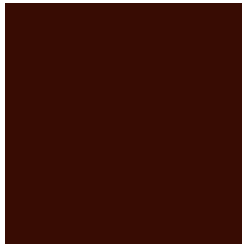
55.1000, 18.1917, -48.3227



131.8000, 42.9896, -115.5886

Previews

White Background



This preview shows how the YUV color 24.1300, -10.4171, 27.9500 looks on a white background.

Color Contrast Check

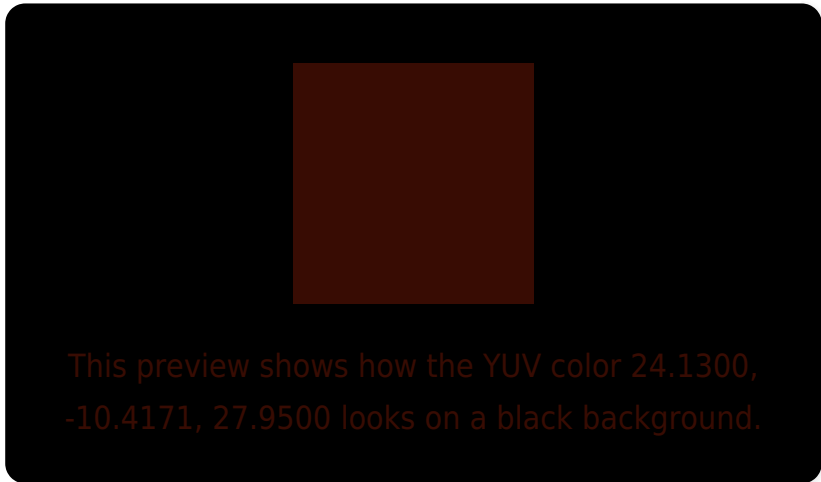
Large Text (above 18pt) WCAG AA ✓ Pass

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

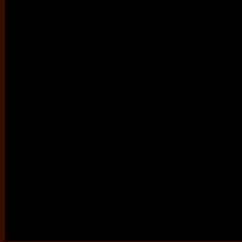
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.1300, -10.4171, 27.9500

Background



This preview shows how black text looks on a background with the YUV color 24.1300, -10.4171, 27.9500.

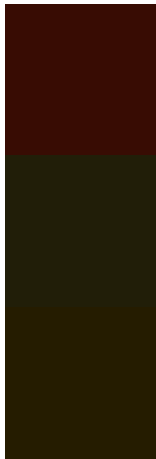


This preview shows how white text looks on a background with the YUV color 24.1300, -10.4171,

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

24.1300, -10.4171, 27.9500

Protanopia

28.3890, -10.0518, 4.0438

Deuteranopia

27.4990, -13.5570, 8.3324



Tritanopia

24.4550, -6.6333, 27.6650

Trichromacy



Original Color

24.1300, -10.4171, 27.9500

Protanomaly

26.4440, -10.0789, 12.7656

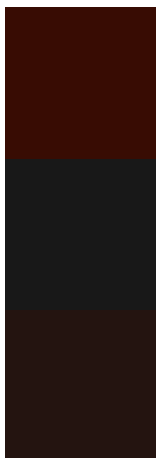
Deuteranomaly

26.1840, -12.4157, 15.6246

Tritanomaly

24.1130, -7.9437, 27.9649

Monochromacy



Original Color

24.1300, -10.4171, 27.9500

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

24.3280, -4.1057, 10.2363

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.1300, -10.4171, 27.9500 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(56, 12, 3)` looks like.

```
.text, #text, p{  
    color:rgb(56, 12, 3)  
}
```

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(56, 12, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 12, 3) }
```

Border

The CSS property to change the border of an element to YUV 24.1300, -10.4171, 27.9500 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(56, 12, 3) }
```


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

```
.border{ border-color:rgb(56, 12, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 12, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 12, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(56, 12, 3); box-shadow:4px  
4px 4px 4px rgb(56, 12, 3) }
```

Background

The CSS property to change the background color of an element to YUV 24.1300, -10.4171, 27.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 12, 3) }
```

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

```
.background{ background-color: rgb(56, 12,  
3) }
```

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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