

Converting Colors

YUV(30.5890, 0.2026, 28.4244)

Have a look what the booklet for
YUV(30.5890, 0.2026, 28.4244)
contains.

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Color

**YUV(30.5890, 0.2026,
28.4244)**

Conversions

Conversions Part 1

Format	Color
Hex	3F0E1F
RGB	63, 14, 31
RGB Percent	25%, 5%, 12%
CMY	0.7529, 0.9451, 0.8784
CMYK	0.00, 0.78, 0.51, 0.75
HSL	339°, 64%, 15%
HSV	339°, 78%, 25%
XYZ	2.4543, 1.4698, 1.4507
YIQ	30.5890, 23.7470, 15.6750

Conversions

Conversions Part 2

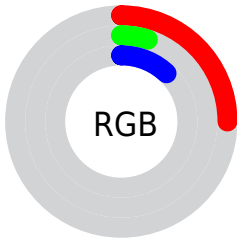
Format	Color
RYB	63, 14, 31
Decimal	4132383
CIELab	12.41, 25.31, 1.58
CIElCh	12, 25.358, 3.567
Yxy	1.4698, 0.4566, 0.2735
Android (android.graphics.Color)	4282322463 (0xFF3F0E1F)
YUV	30.5890, 0.2026, 28.4244
Hunter-Lab	12.1234, 14.9196, 1.3918




Details

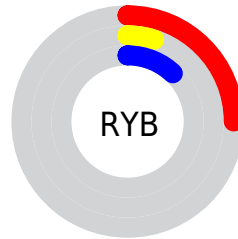
The YUV color **30.5890, 0.2026, 28.4244** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **46.4110, -0.2026, -28.4244**, and the grayscale version is **31.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **77.5570, -1.2606, 31.0835**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.6110, 0.1918, 31.9132**, and if you desaturate by 10%, it is **34.5670, 0.2135, 24.9357**.

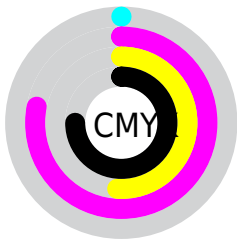
Distribution







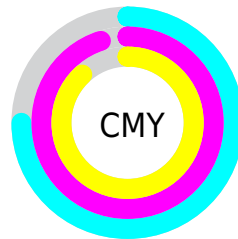
-  Red (25%)
-  Green (5%)
-  Blue (12%)






-  Red (25%)
-  Yellow (5%)
-  Blue (12%)



-  Cyan (0%)
-  Magenta (78%)
-  Yellow (51%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (95%)
-  Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.5890, 0.2026, 28.4244 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 30.5890, 0.2026, 28.4244 by changing the saturation by 10% instead.

■ 30.5890, 0.2026,
28.4244

■ 30.5890, 0.2026,
28.4244

■ 249.1300, 2.8939,
5.1480

■ 13.2420, -3.5703,
25.2208

■ 77.5570, -1.2606,
31.0835

■ 0.0000, 0.0000,
0.0000

■ 102.3400, -2.1396,
33.0278


■ 127.9380, -2.4344,
34.2574

■ 153.9490, -2.4399,
36.0017

■ 181.2480, -2.5873,
36.6165


■ 208.8460, -2.8821,

37.8461

 229.3710, 0.8031,
22.4766


 30.5890, 0.2026,
28.4244

 30.5890, 0.2026,
28.4244


 26.6110, 0.1918,
31.9132


 34.5670, 0.2135,
24.9357


 22.0460, 0.4703,
35.9167

 39.1320, -0.0651,
20.9322

 21.3450, 0.3229,
36.5314

 43.1100, -0.0542,
17.4435

 47.0880, -0.0434,
13.9548

 51.1800, 0.4043,
10.3661

■ 55.7450, 0.1257,
6.3626

■ 59.7230, 0.1366,
2.8739

■ 63.7010, 0.1474,
-0.6148

■ 68.2660, -0.1311,
-4.6183

Harmonies

Analogous

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



32.4830, 7.6499, 19.7474



30.5890, 0.2026, 28.4244



30.4720, -9.1067, 27.6501

Triad

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



30.5890, 0.2026, 28.4244



28.5960, -14.0978, -4.9077



29.6020, 16.9582, -25.9610

Complementary

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



30.5890, 0.2026, 28.4244



46.4110, -0.2026, -28.4244

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.



29.2940, 10.7011, -25.6908



30.5890, 0.2026, 28.4244



24.6030, -4.7343, -21.5768

Square

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



30.5890, 0.2026, 28.4244



30.7440, -15.1568, 8.1175



27.3560, 3.2755, -23.9912



27.5960, 19.4262, -24.2017

Rectangle

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



30.5890, 0.2026, 28.4244



30.5440, -15.0582, 23.2019



27.3560, 3.2755, -23.9912



29.7330, 14.9216, -26.0758

Sweetspot

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



30.5890, 0.2026, 28.4244



69.3650, -0.1799, 11.0809



29.1540, 16.6861, 14.7739



33.0440, -0.0217, 6.9774



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



30.5890, 0.2026, 28.4244



31.6880, 0.1538, 44.1236



32.7600, -9.2487, 26.5205



29.0110, -0.0054, 1.7444



31.8680, 0.5581, 54.4898



75.1560, 0.9091, 128.7822

Inverse Universe

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



30.5890, 0.2026, 28.4244



31.6880, 0.1538, 44.1236



44.2400, 9.2487, -26.5205



29.0110, -0.0054, 1.7444



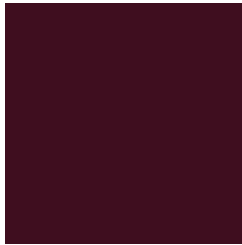
31.8680, 0.5581, 54.4898



75.1560, 0.9091, 128.7822

Previews

White Background



This preview shows how the YUV color 30.5890, 0.2026, 28.4244 looks on a white background.

Color Contrast Check

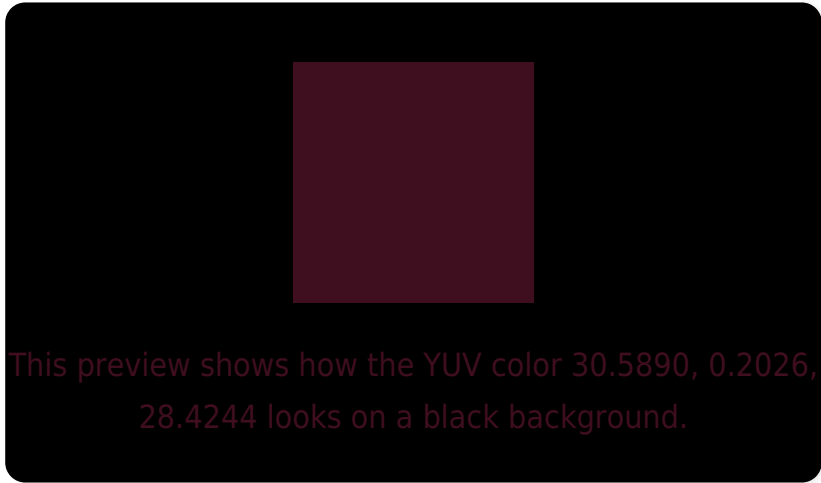
Large Text (above 18pt) WCAG AA ✓ Pass

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

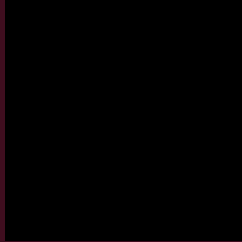
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.5890, 0.2026, 28.4244

Background



This preview shows how black text looks on a background with the YUV color 30.5890, 0.2026, 28.4244.



This preview shows how white text looks on a background with the YUV color 30.5890, 0.2026, 28.4244.

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

30.5890, 0.2026, 28.4244

Protanopia

34.6130, 3.6418, -1.4146

Deuteranopia

34.6370, -2.7790, 4.7034



Tritanopia

30.5690, -6.1965, 27.5650

Trichromacy



Original Color

30.5890, 0.2026, 28.4244

Protanomaly

33.3370, 2.2989, 9.3515

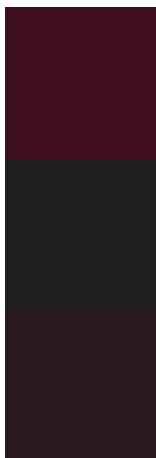
Deuteranomaly

33.0340, -1.4958, 13.1252

Tritanomaly

30.5520, -3.7231, 27.5799

Monochromacy



Original Color

30.5890, 0.2026, 28.4244

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.0660, -0.0325, 10.4661

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.5890, 0.2026, 28.4244 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(63, 14, 31)` looks like.

```
.text, #text, p{  
    color:rgb(63, 14, 31)  
}
```

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(63, 14, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 14, 31) }
```

Border

The CSS property to change the border of an element to YUV 30.5890, 0.2026, 28.4244 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(63, 14, 31) }
```


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

```
.border{ border-color:rgb(63, 14, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 14, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 14, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 14, 31);  
box-shadow:4px 4px 4px 4px rgb(63, 14, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.5890, 0.2026, 28.4244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 14, 31) }
```

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

```
.background{ background-color: rgb(63, 14,  
31) }
```

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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