

Converting Colors

YUV(27.3430, -13.4801,
30.3942)

Have a look what the booklet for
YUV(27.3430, -13.4801, 30.3942)
contains.

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Color

**YUV(27.3430, -13.4801,
30.3942)**

Conversions

Conversions Part 1

Format	Color
Hex	3E0F00
RGB	62, 15, 0
RGB Percent	24%, 6%, 0%
CMY	0.7569, 0.9412, 1.0000
CMYK	0.00, 0.76, 1.00, 0.76
HSL	15°, 100%, 12%
HSV	15°, 100%, 24%
XYZ	2.1574, 1.3658, 0.1499
YIQ	27.3430, 32.8270, 5.2990

Conversions

Conversions Part 2

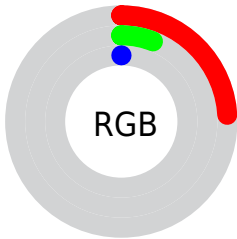
Format	Color
RYB	62, 20, 0
Decimal	4067072
CIELab	11.73, 22.05, 18.08
CIELCh	12, 28.514, 39.342
Yxy	1.3658, 0.5874, 0.3718
Android (android.graphics.Color)	4282257152 (0xFF3E0F00)
YUV	27.3430, -13.4801, 30.3942
Hunter-Lab	11.6867, 12.5005, 7.4201

Details

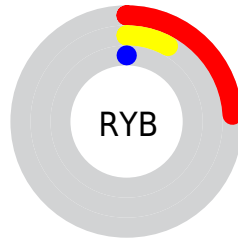
The YUV color **27.3430, -13.4801, 30.3942** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **34.6570, 13.4801, -30.3942**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.3650, -13.4909, 33.8829**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.3430, -13.4801, 30.3942**, and if you desaturate by 10%, it is **30.9620, -12.3063, 27.2203**.

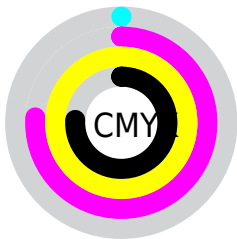
Distribution



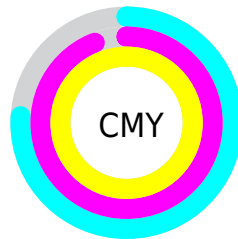
- Red (24%)
- Green (6%)
- Blue (0%)



- Red (24%)
- Yellow (8%)
- Blue (0%)



- Cyan (0%)
- Magenta (76%)
- Yellow (100%)
- Black (76%)



- Cyan (76%)
- Magenta (94%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.3430, -13.4801, 30.3942 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 27.3430, -13.4801, 30.3942 by changing the saturation by 10% instead.

■ 27.3430, -13.4801,
30.3942

■ 27.3430, -13.4801,
30.3942

■ 245.2370, -9.4838,
8.5622

■ 11.6610, -5.7489,
23.9763

■ 74.3650, -13.4909,
33.8829

■ 0.0000, 0.0000,
0.0000

■ 99.1480, -14.3700,
35.8272


■ 124.3440,
-14.9596, 38.2863


■ 150.7140,
-16.1280, 39.7158


■ 177.6110,
-16.5702, 41.5602


■ 205.3940,


-17.4492, 43.5045


 225.0220,
-13.3218, 26.2907


 27.3430, -13.4801,
30.3942

 30.9620, -12.3063,
27.2203

 33.9940, -10.8430,
24.5613

 37.7270, -9.2324,
21.2874

 41.3460, -8.0586,
18.1136

 44.9650, -6.8847,
14.9397

■ 47.9970, -5.4215,
12.2806

■ 51.6160, -4.2477,
9.1068

■ 55.3490, -2.6371,
5.8329

■ 58.3810, -1.1738,
3.1739

Harmonies

Analogous

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



27.0950, -0.5398, 33.2427



27.3430, -13.4801, 30.3942



29.9240, -14.7525, 18.4837

Triad

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



27.3430, -13.4801, 30.3942



24.7170, -4.2975, -21.6768



26.1770, 21.6047, -22.9572

Complementary

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



27.3430, -13.4801, 30.3942



34.6570, 13.4801, -30.3942

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.



29.4710, 18.9948, -25.8461



27.3430, -13.4801, 30.3942



27.6980, 4.5859, -24.2911

Square

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



27.3430, -13.4801, 30.3942



25.6170, -12.6292, -9.3111



29.1630, 12.7376, -25.5760



32.1160, 14.2398, 6.0373

Rectangle

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



27.3430, -13.4801, 30.3942



29.5700, -14.5780, 9.1471



29.1630, 12.7376, -25.5760



27.9380, 20.7366, -24.5016

Sweetspot

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



27.3430, -13.4801, 30.3942



67.9970, -5.4215, 12.2806



24.0100, 11.8271, 33.3172



32.8330, -3.3687, 7.1625



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.



27.3430, -13.4801, 30.3942



36.2580, -17.8752, 40.1157



44.9530, -22.1618, 14.9502



28.8970, -0.4422, 1.8443



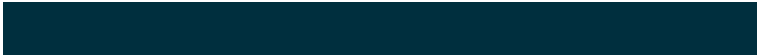
41.6070, -20.5123, 45.9487



98.0760, -48.3515, 108.6813

Inverse Universe

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



34.6570, 13.4801, -30.3942



45.7420, 17.8752, -40.1157



17.0470, 22.1618, -14.9502



29.5160, 0.7316, -1.3295



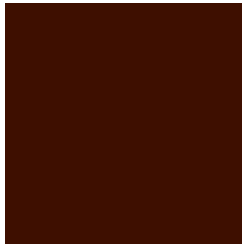
52.9800, 20.2229, -46.4635



123.9240, 48.3515, -108.6813

Previews

White Background



This preview shows how the YUV color 27.3430, -13.4801, 30.3942 looks on a white background.

Color Contrast Check

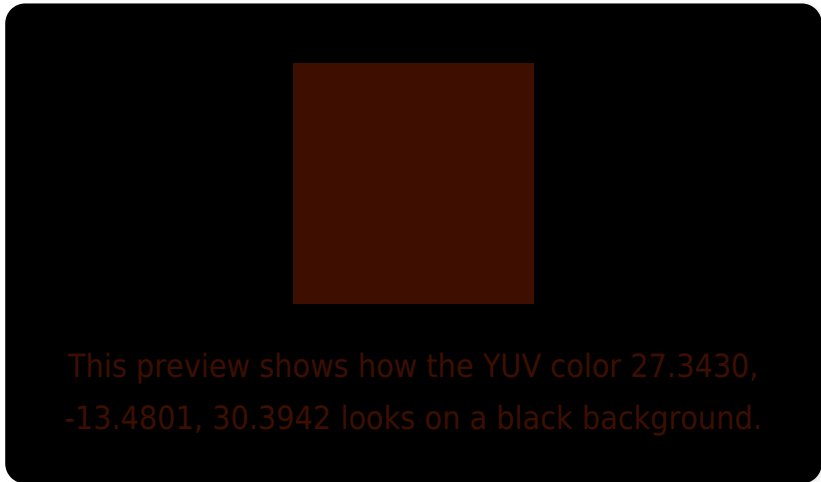
Large Text (above 18pt) WCAG AA ✓ Pass

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

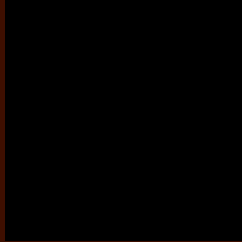
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.3430, -13.4801, 30.3942

Background



This preview shows how black text looks on a background with the YUV color 27.3430, -13.4801, 30.3942.



This preview shows how white text looks on a background with the YUV color 27.3430, -13.4801,

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

31.2320, -11.9464, 5.0585

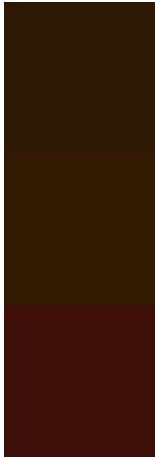
Deuteranopia

31.3420, -15.4516, 9.3471

Tritanopia

28.3520, -7.0755, 29.5093

Trichromacy



Protanomaly

29.4720, -12.5577, 14.4951

Deuteranomaly

29.9130, -14.7471, 16.7393

Tritanomaly

27.7820, -9.2595, 30.0092

Monochromacy



Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.3990, -5.1267, 11.0511

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.3430, -13.4801, 30.3942 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(62, 15, 0)` looks like.

```
.text, #text, p{  
    color:rgb(62, 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(62, 15, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 15, 0) }
```

Border

The CSS property to change the border of an element to YUV 27.3430, -13.4801, 30.3942 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(62, 15, 0) }
```

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

```
.border{ border-color:rgb(62, 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(62, 15, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 15, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(62, 15, 0); box-shadow:4px  
4px 4px 4px rgb(62, 15, 0) }
```


Background

The CSS property to change the background color of an element to YUV 27.3430, -13.4801, 30.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 15, 0) }
```

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

```
.background{ background-color: rgb(62, 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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