

Converting Colors

YUV(36.9030, -16.2212,
22.8871)

Have a look what the booklet for
YUV(36.9030, -16.2212, 22.8871)
contains.

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Color

**YUV(36.9030, -16.2212,
22.8871)**

Conversions

Conversions Part 1

Format	Color
Hex	3F1E04
RGB	63, 30, 4
RGB Percent	25%, 12%, 2%
CMY	0.7529, 0.8824, 0.9843
CMYK	0.00, 0.52, 0.94, 0.75
HSL	26°, 88%, 13%
HSV	26°, 94%, 25%
XYZ	2.5361, 1.9941, 0.3661
YIQ	36.9030, 28.0140, -1.0900

Conversions

Conversions Part 2

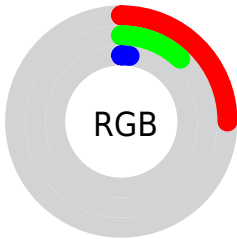
Format	Color
RYB	63, 50, 4
Decimal	4136452
CIELab	15.46, 13.82, 21.41
CIElCh	15, 25.486, 57.155
Yxy	1.9941, 0.5180, 0.4073
Android (android.graphics.Color)	4282326532 (0xFF3F1E04)
YUV	36.9030, -16.2212, 22.8871
Hunter-Lab	14.1212, 7.3456, 8.3477

Details

The YUV color **36.9030, -16.2212, 22.8871** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **30.0970, 16.2212, -22.8871**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.2240, -16.3794, 26.9906**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.2730, -17.3896, 24.3166**, and if you desaturate by 10%, it is **39.9350, -14.7580, 20.2280**.

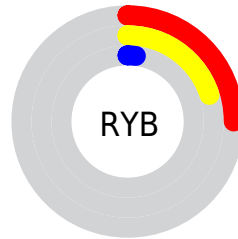
Distribution



Red (25%)

Green (12%)

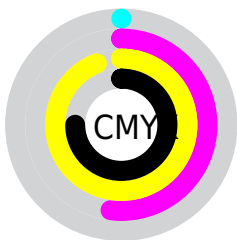
Blue (2%)



Red (25%)

Yellow (20%)

Blue (2%)

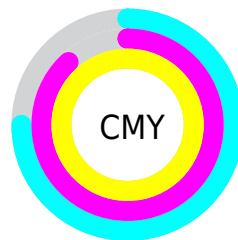


Cyan (0%)

Magenta (52%)

Yellow (94%)

Black (75%)



Cyan (75%)

Magenta (88%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.9030, -16.2212, 22.8871 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 36.9030, -16.2212, 22.8871 by changing the saturation by 10% instead.

■ 36.9030, -16.2212,
22.8871

■ 36.9030, -16.2212,
22.8871

■ 252.0360,
-11.3567, 2.5994

■ 16.3570, -8.0640,
19.8579

■ 83.2240, -16.3794,
26.9906

■ 0.0000, 0.0000,
0.0000

■ 107.7080,
-17.1110, 28.3201


■ 133.3770,
-18.4269, 30.3644


■ 159.8610,
-19.1585, 31.6939


■ 187.0460,
-19.7427, 32.4087


■ 214.9430,


-20.1849, 34.2530


 234.7560,
-16.6417, 17.7540


 36.9030, -16.2212,
22.8871


 36.9030, -16.2212,
22.8871


 35.2730, -17.3896,
24.3166

 39.9350, -14.7580,
20.2280

 42.4940, -12.5685,
17.9838

 45.5260, -11.1053,
15.3247

 47.9710, -9.3527,
13.1804

 51.1170, -7.4527,
10.4214

■ 53.5620, -5.7001,
8.2771

■ 56.5940, -4.2368,
5.6181

■ 59.0390, -2.4842,
3.4738

■ 62.1850, -0.5842,
0.7148

Harmonies

Analogous

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



37.0530, -6.9281, 28.8945



36.9030, -16.2212, 22.8871



36.6690, -18.0778, 11.6913

Triad

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



36.9030, -16.2212, 22.8871



31.6930, 2.1234, -27.7948



39.1040, 15.7247, -3.5992

Complementary

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



36.9030, -16.2212, 22.8871



30.0970, 16.2212, -22.8871

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.



32.6170, 20.8948, -28.6051



36.9030, -16.2212, 22.8871



33.8590, 10.4225, -29.6943

Square

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



36.9030, -16.2212, 22.8871



30.5490, -6.1867, -22.4065



34.2810, 17.1165, -30.0644



40.1020, 8.8237, 16.5735

Rectangle

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



36.9030, -16.2212, 22.8871



35.7280, -17.6139, 2.8695



34.2810, 17.1165, -30.0644



36.9180, 17.7884, -12.2061

Sweetspot

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



36.9030, -16.2212, 22.8871



71.7470, -6.2843, 8.9919



25.4030, 5.7173, 32.9726



34.7080, -3.8000, 5.5181



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.



36.9030, -16.2212, 22.8871



45.6500, -22.5054, 31.8789



53.9260, -24.6135, 7.9579



29.4840, -0.7316, 1.3295



52.7600, -26.0107, 36.1675



123.9040, -61.0847, 86.0302

Inverse Universe

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



30.0970, 16.2212, -22.8871



36.3500, 22.5054, -31.8789



13.0740, 24.6135, -7.9579



28.9290, 1.0210, -0.8147



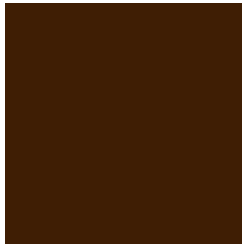
41.8270, 25.7213, -36.6823



98.0960, 61.0847, -86.0302

Previews

White Background



This preview shows how the YUV color 36.9030, -16.2212, 22.8871 looks on a white background.

Color Contrast Check

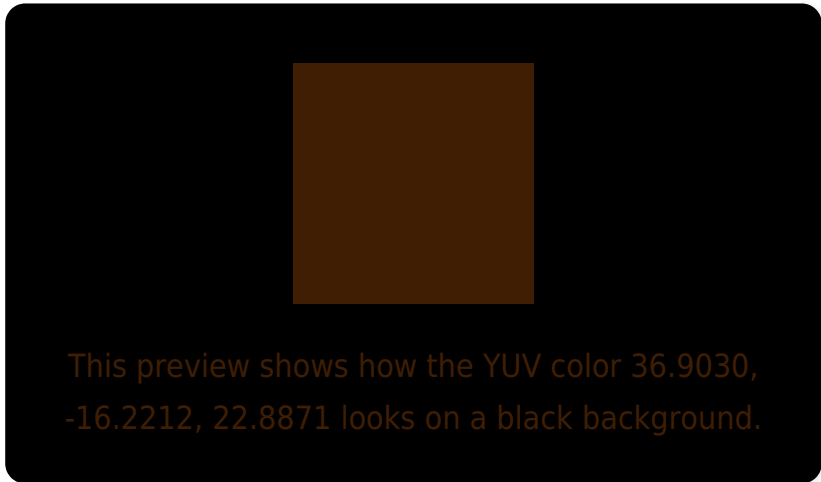
Large Text (above 18pt) WCAG AA ✓ Pass

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

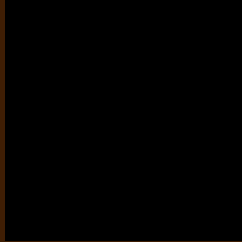
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.9030, -16.2212, 22.8871

Background



This preview shows how black text looks on a background with the YUV color 36.9030, -16.2212, 22.8871.

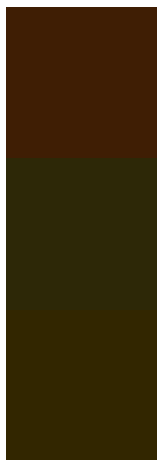


This preview shows how white text looks on a background with the YUV color 36.9030, -16.2212,

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

36.9030, -16.2212, 22.8871

Protanopia

37.7330, -15.1514, 6.3732

Deuteranopia

37.2560, -18.3672, 11.1765



Tritanopia

38.9920, -4.4331, 21.9320

Trichromacy



Original Color

36.9030, -16.2212, 22.8871

Protanomaly

37.3640, -15.4625, 12.8358

Deuteranomaly

37.1040, -17.7993, 15.6948

Tritanomaly

38.5530, -8.6536, 22.3170

Monochromacy



Original Color

36.9030, -16.2212, 22.8871

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.5620, -5.7001, 8.2771

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.9030, -16.2212, 22.8871 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, 30, 4)` looks like.

```
.text, #text, p{  
    color:rgb(63, 30, 4)  
}
```

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, 30, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 30, 4) }
```

Border

The CSS property to change the border of an element to YUV 36.9030, -16.2212, 22.8871 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, 30, 4) }
```


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

```
.border{ border-color:rgb(63, 30, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 30, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 30, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(63, 30, 4); box-shadow:4px  
4px 4px 4px rgb(63, 30, 4) }
```

Background

The CSS property to change the background color of an element to YUV 36.9030, -16.2212, 22.8871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 30, 4) }
```

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

```
.background{ background-color: rgb(63, 30,  
4) }
```

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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