

Converting Colors

YUV(30.9230, -6.3710, 36.9015)

Have a look what the booklet for
YUV(30.9230, -6.3710, 36.9015)
contains.

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Color

**YUV(30.9230, -6.3710,
36.9015)**

Conversions

Conversions Part 1

Format	Color
Hex	490C12
RGB	73, 12, 18
RGB Percent	29%, 5%, 7%
CMY	0.7137, 0.9529, 0.9294
CMYK	0.00, 0.84, 0.75, 0.71
HSL	354°, 72%, 17%
HSV	354°, 84%, 29%
XYZ	2.9883, 1.7231, 0.7474
YIQ	30.9230, 34.4300, 14.7980

Conversions

Conversions Part 2

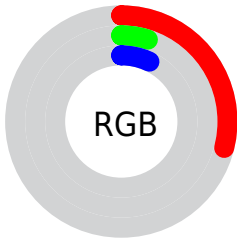
Format	Color
R_YB	73, 12, 18
Decimal	4787218
CIE Lab	13.96, 28.67, 13.38
CIE LCh	14, 31.635, 25.024
Yxy	1.7231, 0.5474, 0.3157
Android (android.graphics.Color)	4282977298 (0xFF490C12)
YUV	30.9230, -6.3710, 36.9015
Hunter-Lab	13.1266, 17.6643, 5.8130

Details

The YUV color **30.9230, -6.3710, 36.9015** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **54.0770, 6.3710, -36.9015**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.7340, -9.7289, 40.5753**, and **2.0930, -1.0318, 4.3034** is the 20% darker color. If you saturate the color by 10%, you get **26.0160, -7.4029, 41.2050**, and if you desaturate by 10%, it is **35.8300, -5.3392, 32.5981**.

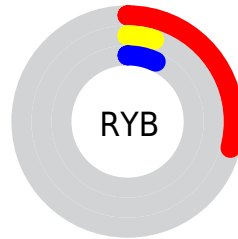
Distribution



Red (29%)

Green (5%)

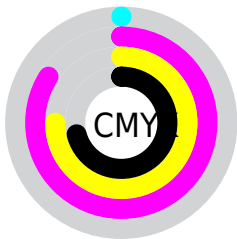
Blue (7%)



Red (29%)

Yellow (5%)

Blue (7%)

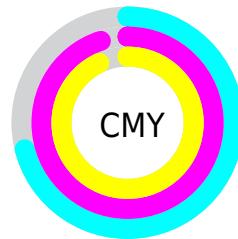


Cyan (0%)

Magenta (84%)

Yellow (75%)

Black (71%)



Cyan (71%)

Magenta (95%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.9230, -6.3710, 36.9015 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 30.9230, -6.3710, 36.9015 by changing the saturation by 10% instead.

■ 30.9230, -6.3710,
36.9015

■ 30.9230, -6.3710,
36.9015

■ 248.2350, -3.0739,
5.9329

■ 14.6510, -7.2229,
30.1241

■ 79.7340, -9.7289,
40.5753

■ 2.0930, -1.0318,
4.3034

■ 104.8160,
-10.7553, 43.1344

■ 0.0000, 0.0000,
0.0000

■ 130.5990,
-11.6343, 45.0787

■ 157.1970,
-11.9291, 46.3082

■ 184.9800,
-12.8081, 48.2525

■ 208.3920,

-11.0393, 40.8752

■ 227.9060, -7.3487,
23.7614

■ 30.9230, -6.3710,
36.9015

■ 30.9230, -6.3710,
36.9015

■ 26.0160, -7.4029,
41.2050

■ 35.8300, -5.3392,
32.5981

■ 22.6250, -7.7031,
44.1789

■ 41.2100, -5.0335,
27.8798

■ 46.1170, -4.0017,
23.5764

■ 50.9100, -3.4066,
19.3729

■ 56.4040, -2.6642,
14.5547

■ 61.1970, -2.0691,
10.3512

■ 66.1040, -1.0373,
6.0478

■ 71.0110, -0.0054,
1.7444

■ 76.3910, 0.3002,
-2.9739

Harmonies

Analogous

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



31.3710, 4.2541, 35.6316



30.9230, -6.3710, 36.9015



32.9360, -16.2374, 28.1201

Triad

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



30.9230, -6.3710, 36.9015



25.6970, -10.6966, -22.5363



32.0130, 23.6576, -28.0754

Complementary

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



30.9230, -6.3710, 36.9015



54.0770, 6.3710, -36.9015

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.



34.0360, 18.7163, -29.8496



30.9230, -6.3710, 36.9015



29.9490, 0.5181, -26.2653

Square

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



30.9230, -6.3710, 36.9015



31.8520, -15.7030, -3.3782



32.5710, 10.5645, -28.5648



34.3360, 20.5404, -8.1877

Rectangle

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



30.9230, -6.3710, 36.9015



33.7560, -16.6417, 17.7540



32.5710, 10.5645, -28.5648



33.0730, 22.6420, -29.0050

Sweetspot

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



30.9230, -6.3710, 36.9015



78.1050, -2.5168, 13.9399



35.3990, 18.5373, 27.7141



38.3000, -1.6269, 8.5069



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



30.9230, -6.3710, 36.9015



29.1320, -9.9251, 56.8892



44.3270, -15.9372, 25.1462



33.1960, -0.5896, 2.4591



30.7410, -10.2253, 59.8631



70.3810, -23.8518, 137.3549

Inverse Universe

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



30.9230, -6.3710, 36.9015



29.1320, -9.9251, 56.8892



40.6730, 15.9372, -25.1462



33.1960, -0.5896, 2.4591



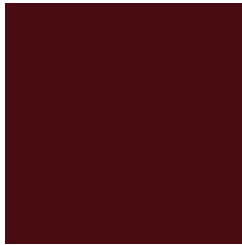
30.7410, -10.2253, 59.8631



70.3810, -23.8518, 137.3549

Previews

White Background



This preview shows how the YUV color 30.9230, -6.3710, 36.9015 looks on a white background.

Color Contrast Check

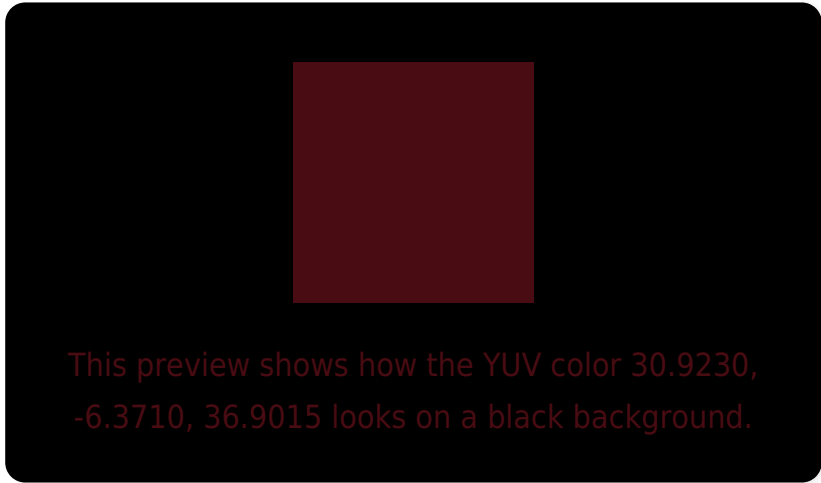
Large Text (above 18pt) WCAG AA ✓ Pass

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

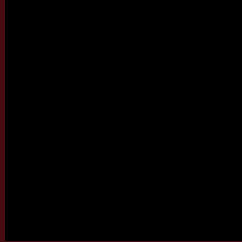
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.9230, -6.3710, 36.9015

Background



This preview shows how black text looks on a background with the YUV color 30.9230, -6.3710, 36.9015.



This preview shows how white text looks on a background with the YUV color 30.9230, -6.3710,

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

30.9230, -6.3710, 36.9015

Protanopia

37.5290, -5.6838, 3.0441

Deuteranopia

36.7810, -11.2310, 8.9621



Tritanopia

30.9400, -8.8444, 36.8866

Trichromacy



Original Color

30.9230, -6.3710, 36.9015

Protanomaly

35.4920, -6.1586, 15.3545

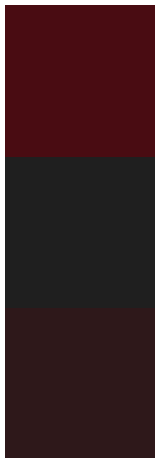
Deuteranomaly

34.3030, -9.5164, 19.0283

Tritanomaly

31.1680, -7.9708, 36.6867

Monochromacy



Original Color

30.9230, -6.3710, 36.9015

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.8060, -2.3694, 13.3251

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.9230, -6.3710, 36.9015 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(73, 12, 18)` looks like.

```
.text, #text, p{  
    color:rgb(73, 12, 18)  
}
```

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(73, 12, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 12, 18) }
```

Border

The CSS property to change the border of an element to YUV 30.9230, -6.3710, 36.9015 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(73, 12, 18) }
```


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

```
.border{ border-color:rgb(73, 12, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 12, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 12, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 12, 18);  
box-shadow:4px 4px 4px 4px rgb(73, 12, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.9230, -6.3710, 36.9015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 12, 18) }
```

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

```
.background{ background-color: rgb(73, 12,  
18) }
```

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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