

Converting Colors

YUV(26.8690, -7.8234, 36.0719)

Have a look what the booklet for
YUV(26.8690, -7.8234, 36.0719)
contains.

| | |
|--|----|
| YUV(26.8690, -7.8234, 36.0719) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(26.8690, -7.8234,
36.0719)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 44090B |
| RGB | 68, 9, 11 |
| RGB Percent | 27%, 4%, 4% |
| CMY | 0.7333, 0.9647, 0.9569 |
| CMYK | 0.00, 0.87, 0.84, 0.73 |
| HSL | 358°, 77%, 15% |
| HSV | 358°, 87%, 27% |
| XYZ | 2.5420, 1.4485, 0.4622 |
| YIQ | 26.8690, 34.5220, 13.1300 |

Conversions

Conversions Part 2

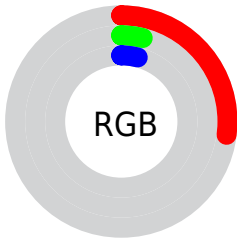
| Format | Color |
|-------------------------------------|---|
| RYB | 68, 9, 11 |
| Decimal | 4458763 |
| CIELab | 12.28, 27.64, 14.56 |
| CIElCh | 12, 31.241, 27.769 |
| Yxy | 1.4485, 0.5709, 0.3253 |
| Android (android.graphics.Color) | 4282648843 (0xFF44090B) |
| YUV | 26.8690, -7.8234, 36.0719 |
| Hunter-Lab | 12.0353, 16.6395, 6.1477 |

Details

The YUV color **26.8690, -7.8234, 36.0719** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **50.1310, 7.8234, -36.0719**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.7940, -10.7444, 39.6457**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.9620, -8.8553, 40.3753**, and if you desaturate by 10%, it is **31.7760, -6.7916, 31.7684**.

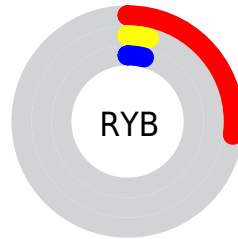
Distribution



Red (27%)

Green (4%)

Blue (4%)



Red (27%)

Yellow (4%)

Blue (4%)

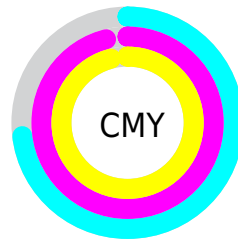


Cyan (0%)

Magenta (87%)

Yellow (84%)

Black (73%)



Cyan (73%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.8690, -7.8234, 36.0719 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 26.8690, -7.8234, 36.0719 by changing the saturation by 10% instead.

■ 26.8690, -7.8234,
36.0719

■ 26.8690, -7.8234,
36.0719

■ 244.3880, -5.1213,
9.3067

■ 13.4550, -6.6333,
27.6650

■ 75.7940, -10.7444,
39.6457

■ 0.0000, 0.0000,
0.0000

■ 100.5770,
-11.6235, 41.5900

■ 126.3600,
-12.5025, 43.5343

■ 152.5560,
-13.0921, 45.9934

■ 180.0400,
-13.8237, 47.3229

■ 205.2460,

-12.9393, 43.6343

■ 224.7600, -9.2487,
26.5205

■ 26.8690, -7.8234,
36.0719

■ 26.8690, -7.8234,
36.0719

■ 21.9620, -8.8553,
40.3753

■ 31.7760, -6.7916,
31.7684

■ 20.5600, -9.1501,
41.6049

■ 36.5690, -6.1965,
27.5650

■ 40.8890, -4.8753,
23.7763

■ 45.6820, -4.2802,
19.5729

■ 50.5890, -3.2484,
15.2694

■ 55.3820, -2.6533,
11.0660

■ 60.2890, -1.6215,
6.7625

■ 64.6090, -0.3002,
2.9739

■ 69.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



27.2570, 3.8173, 35.7316



26.8690, -7.8234, 36.0719



29.9680, -14.7742, 25.4611

Triad

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



26.8690, -7.8234, 36.0719



23.7080, -10.7020, -20.7919



29.2090, 23.0680, -25.6163

Complementary

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



26.8690, -7.8234, 36.0719



50.1310, 7.8234, -36.0719

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.



31.3460, 18.5634, -27.4904



26.8690, -7.8234, 36.0719



27.4870, 1.2389, -24.1061

Square

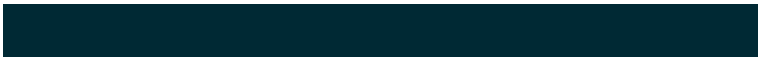
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.8690, -7.8234, 36.0719



27.7100, -13.6610, -5.0077



29.9950, 10.8485, -26.3056



31.7170, 19.3665, -5.0138

Rectangle

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



26.8690, -7.8234, 36.0719



30.7880, -15.1785, 15.0949



29.9950, 10.8485, -26.3056



30.1550, 21.6156, -26.4459

Sweetspot

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



26.8690, -7.8234, 36.0719



72.9910, -2.9536, 14.0399



32.4700, 17.5163, 28.5288



36.1860, -2.0637, 8.6069



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



26.8690, -7.8234, 36.0719



26.9530, -11.8088, 54.4152



42.4900, -16.5106, 22.3723



30.8970, -0.4422, 1.8443



29.3450, -12.9881, 59.3334



67.8880, -29.5248, 136.9102

Inverse Universe

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



26.8690, -7.8234, 36.0719



26.9530, -11.8088, 54.4152



34.5100, 16.5106, -22.3723



30.8970, -0.4422, 1.8443



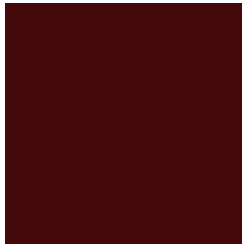
29.3450, -12.9881, 59.3334



67.8880, -29.5248, 136.9102

Previews

White Background



This preview shows how the YUV color 26.8690, -7.8234, 36.0719 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

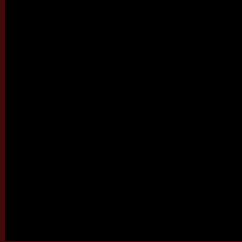
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.8690, -7.8234, 36.0719

Background



This preview shows how black text looks on a background with the YUV color 26.8690, -7.8234, 36.0719.

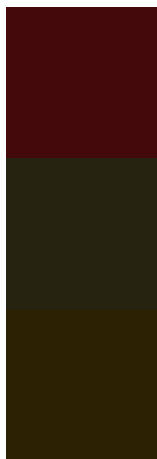


This preview shows how white text looks on a background with the YUV color 26.8690, -7.8234,

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

26.8690, -7.8234, 36.0719

Protanopia

34.1440, -8.4520, 4.2587

Deuteranopia

32.8690, -14.7254, 9.7619



Tritanopia

26.5270, -9.1338, 36.3718

Trichromacy



Original Color

26.8690, -7.8234, 36.0719

Protanomaly

31.9220, -8.3425, 15.8544

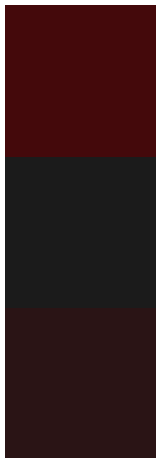
Deuteranomaly

30.6190, -12.1372, 19.6281

Tritanomaly

26.6410, -8.6970, 36.2718

Monochromacy



Original Color

26.8690, -7.8234, 36.0719

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.6920, -2.8062, 13.4251

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.8690, -7.8234, 36.0719 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(68, 9, 11)` looks like.

```
.text, #text, p{  
    color:rgb(68, 9, 11)  
}
```

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(68, 9, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 9, 11) }
```

Border

The CSS property to change the border of an element to YUV 26.8690, -7.8234, 36.0719 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(68, 9, 11) }
```


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

```
.border{ border-color:rgb(68, 9, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 9, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 9, 11); -webkit-box-shadow:4px  
4px 4px 4px rgb(68, 9, 11); box-shadow:4px  
4px 4px 4px rgb(68, 9, 11) }
```

Background

The CSS property to change the background color of an element to YUV 26.8690, -7.8234, 36.0719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 9, 11) }
```

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

```
.background{ background-color: rgb(68, 9,  
11) }
```

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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