

Converting Colors

YUV(69.0530, -10.3791,
15.7395)

Have a look what the booklet for
YUV(69.0530, -10.3791, 15.7395)
contains.

YUV(69.0530, -10.3791, 15.7395)	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(69.0530, -10.3791,
15.7395)**

Conversions

Conversions Part 1

Format	Color
Hex	574030
RGB	87, 64, 48
RGB Percent	34%, 25%, 19%
CMY	0.6588, 0.7490, 0.8118
CMYK	0.00, 0.26, 0.45, 0.66
HSL	25°, 29%, 26%
HSV	25°, 45%, 34%
XYZ	6.2974, 5.9064, 3.6045
YIQ	69.0530, 18.8440, -0.1000

Conversions

Conversions Part 2

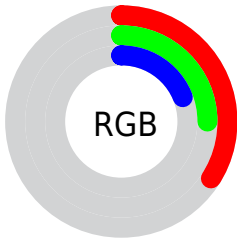
Format	Color
RYB	87, 75, 48
Decimal	5718064
CIELab	29.18, 7.60, 13.67
CIElCh	29, 15.642, 60.922
Yxy	5.9064, 0.3984, 0.3736
Android (android.graphics.Color)	4283908144 (0xFF574030)
YUV	69.0530, -10.3791, 15.7395
Hunter-Lab	24.3031, 3.7220, 8.2188

Details

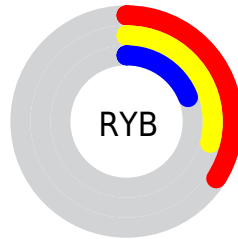
The YUV color **69.0530, -10.3791, 15.7395** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **65.9470, 10.3791, -15.7395**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.7220, -11.6949, 17.7838**, and **24.7000, -11.6841, 14.2951** is the 20% darker color. If you saturate the color by 10%, you get **65.0920, -12.8634, 19.2133**, and if you desaturate by 10%, it is **73.0140, -7.8949, 12.2657**.

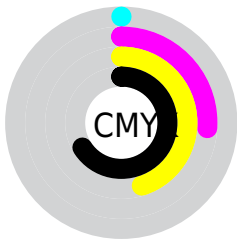
Distribution



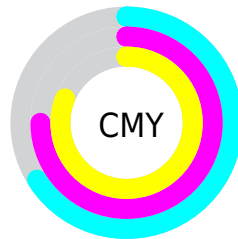
- Red (34%)
- Green (25%)
- Blue (19%)



- Red (34%)
- Yellow (29%)
- Blue (19%)



- Cyan (0%)
- Magenta (26%)
- Yellow (45%)
- Black (66%)



- Cyan (66%)
- Magenta (75%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.0530, -10.3791, 15.7395 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 69.0530, -10.3791, 15.7395 by changing the saturation by 10% instead.

■ 69.0530, -10.3791,
15.7395

■ 69.0530, -10.3791,
15.7395

■ 255.0000, 0.0000,
0.0000

■ 46.5690, -9.6475,
14.4100

■ 117.7220,
-11.6949, 17.7838

■ 24.7000, -11.6841,
14.2951

■ 143.3200,
-11.9898, 19.0134

■ 3.2890, -1.6215,
6.7625

■ 169.6190,
-12.1372, 19.6281

■ 0.0000, 0.0000,
0.0000

■ 196.8040,
-12.7214, 20.3429

■ 224.9890,
-13.3056, 21.0576

■ 246.9980,

-10.3520, 7.0178

■ 69.0530, -10.3791,
15.7395

■ 69.0530, -10.3791,
15.7395

■ 65.0920, -12.8634,
19.2133

■ 73.0140, -7.8949,
12.2657

■ 61.2450, -14.9108,
22.5871

■ 76.8610, -5.8475,
8.8919

■ 57.2840, -17.3950,
26.0609

■ 80.8220, -3.3632,
5.4181

■ 52.7360, -19.5898,
30.0495

■ 85.3700, -1.1684,
1.4295

■ 48.7750, -22.0741,
33.5233

■ 89.3310, 1.3158,
-2.0443

■ 47.1450, -23.2425,
34.9528

■ 93.1780, 3.3632,
-5.4181

■ 97.1390, 5.8475,
-8.8919

■ 101.1000, 8.3317,
-12.3657

■ 104.9470, 10.3791,
-15.7395

Harmonies

Analogous

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



70.1120, -6.4642, 20.0728



69.0530, -10.3791, 15.7395



68.0690, -11.3730, 7.8325

Triad

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



69.0530, -10.3791, 15.7395



62.9540, 2.9807, -22.7617



70.1170, 9.3093, 0.7744

Complementary

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



69.0530, -10.3791, 15.7395



65.9470, 10.3791, -15.7395

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.



67.8380, 12.4049, -12.1359



69.0530, -10.3791, 15.7395



62.2290, 9.2541, -28.2648

Square

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



69.0530, -10.3791, 15.7395



64.8860, -3.8878, -13.0550



64.1740, 12.7322, -23.8316



71.0430, 4.9088, 12.2403

Rectangle

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



69.0530, -10.3791, 15.7395



67.5520, -10.6251, 1.2699



64.1740, 12.7322, -23.8316



69.1380, 10.7780, -3.6290

Sweetspot

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



69.0530, -10.3791, 15.7395



105.7080, -3.8000, 5.5181



62.2830, 4.2975, 21.6768



52.0390, -2.4842, 3.4738



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



69.0530, -10.3791, 15.7395



84.0280, -15.7898, 24.5314



80.2060, -15.8776, 5.9583



41.3700, -1.1684, 1.4295



57.8210, -28.5058, 43.1300



126.6170, -62.4222, 95.0519

Inverse Universe

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



65.9470, 10.3791, -15.7395



79.3850, 16.0792, -24.0166



54.7940, 15.8776, -5.9583



41.2170, 0.8790, -1.9443



49.1790, 28.5058, -43.1300



107.7960, 62.7116, -94.5371

Previews

White Background



This preview shows how the YUV color 69.0530, -10.3791, 15.7395 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



This preview shows how the YUV color 69.0530, -10.3791, 15.7395 looks on a 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 69.0530, -10.3791, 15.7395

Background



This preview shows how black text looks on a background with the YUV color 69.0530, -10.3791, 15.7395.



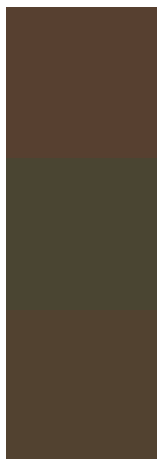
This preview shows how white text looks on a background with the YUV color 69.0530, -10.3791, 15.7395.

15.7395.

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

69.0530, -10.3791, 15.7395

Protanopia

68.3290, -9.0362, 4.9735

Deuteranopia

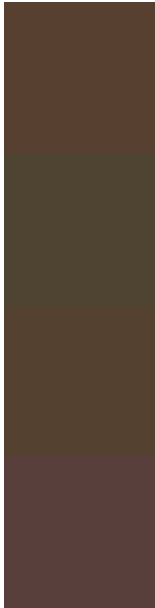
68.7320, -10.2209, 11.6360



Tritanopia

70.5290, -2.2328, 16.1991

Trichromacy



Original Color

69.0530, -10.3791, 15.7395

Protanomaly

68.5360, -9.6312, 9.1769

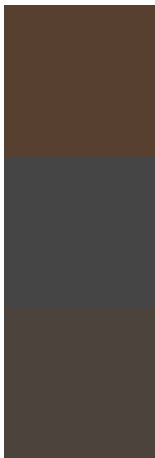
Deuteranomaly

68.7430, -10.2263, 13.3804

Tritanomaly

70.0190, -5.4324, 15.7693

Monochromacy



Original Color

69.0530, -10.3791, 15.7395

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0070, -3.9475, 6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.0530, -10.3791, 15.7395 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(87, 64, 48)` looks like.

```
.text, #text, p{  
    color:rgb(87, 64, 48)  
}
```

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(87, 64, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 64, 48) }
```

Border

The CSS property to change the border of an element to YUV 69.0530, -10.3791, 15.7395 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(87, 64, 48) }
```


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

```
.border{ border-color:rgb(87, 64, 48) }
```

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

Here you see how a box with a 4 pixel rgb(87, 64, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 64, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 64, 48);  
box-shadow:4px 4px 4px 4px rgb(87, 64, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.0530, -10.3791, 15.7395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 64, 48) }
```

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

```
.background{ background-color: rgb(87, 64,  
48) }
```

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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