

Converting Colors

YUV(69.5470, -26.3987,
20.5683)

Have a look what the booklet for
YUV(69.5470, -26.3987, 20.5683)
contains.

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Color

**YUV(69.5470, -26.3987,
20.5683)**

Conversions

Conversions Part 1

Format	Color
Hex	5D4410
RGB	93, 68, 16
RGB Percent	36%, 27%, 6%
CMY	0.6353, 0.7333, 0.9373
CMYK	0.00, 0.27, 0.83, 0.64
HSL	41°, 71%, 21%
HSV	41°, 83%, 36%
XYZ	6.6748, 6.4988, 1.3928
YIQ	69.5470, 31.5920, -10.8720

Conversions

Conversions Part 2

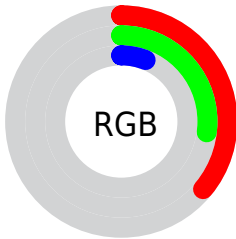
Format	Color
R_{YB}	53, 93, 16
Decimal	6112272
CIE Lab	30.64, 5.26, 33.64
CIE LCh	31, 34.045, 81.108
Yxy	6.4988, 0.4582, 0.4461
Android (android.graphics.Color)	4284302352 (0xFF5D4410)
YUV	69.5470, -26.3987, 20.5683
Hunter-Lab	25.4928, 2.1249, 14.6056

Details

The YUV color **69.5470, -26.3987, 20.5683** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **39.4530, 26.3987, -20.5683**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.9280, -27.5725, 23.7421**, and **27.5320, -13.5733, 13.5654** is the 20% darker color. If you saturate the color by 10%, you get **66.7600, -29.4617, 23.0125**, and if you desaturate by 10%, it is **72.3340, -23.3357, 18.1241**.

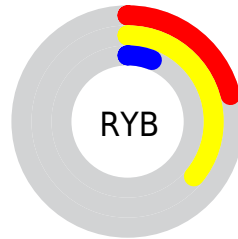
Distribution



Red (36%)

Green (27%)

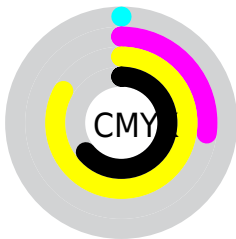
Blue (6%)



Red (21%)

Yellow (36%)

Blue (6%)

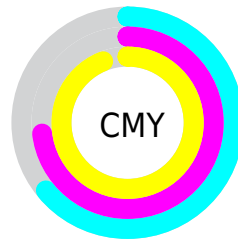


Cyan (0%)

Magenta (27%)

Yellow (83%)

Black (64%)



Cyan (64%)

Magenta (73%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.5470, -26.3987, 20.5683 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 69.5470, -26.3987, 20.5683 by changing the saturation by 10% instead.

69.5470, -26.3987,
20.5683

69.5470, -26.3987,
20.5683

254.2020, -3.0576,
0.6998

47.3340, -23.3357,
18.1241

118.9280,
-27.5725, 23.7421

27.5320, -13.5733,
13.5654

144.7110,
-28.4515, 25.6865

4.7840, -2.3585,
9.8364

171.7820,
-29.4725, 26.5012

0.0000, 0.0000,
0.0000

199.1520,
-30.6409, 27.9307

225.8420,
-30.4881, 25.5716

245.3560,

-26.7975, 8.4578

■ 250.8960,
-15.7247, 3.5992

■ 69.5470, -26.3987,
20.5683

■ 69.5470, -26.3987,
20.5683

■ 66.7600, -29.4617,
23.0125

■ 72.3340, -23.3357,
18.1241

■ 64.7880, -31.9405,
24.7419

■ 75.2350, -19.8359,
15.5799

■ 78.0220, -16.7728,
13.1357

■ 80.8090, -13.7098,
10.6915

■ 83.7100, -10.2100,
8.1473

■ 86.4970, -7.1470,
5.7031

■ 89.2840, -4.0840,
3.2589

■ 92.0710, -1.0210,
0.8147

■ 94.9720, 2.4788,
-1.7294

Harmonies

Analogous

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



71.0680, -19.7535, 35.8974



69.5470, -26.3987, 20.5683



66.9960, -24.1550, 0.8805

Triad

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



69.5470, -26.3987, 20.5683



60.1550, 14.7136, -52.7559



74.5460, 15.5068, 19.6922

Complementary

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



69.5470, -26.3987, 20.5683



39.4530, 26.3987, -20.5683

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.



71.4650, 24.9138, -10.9318



69.5470, -26.3987, 20.5683



61.6030, 25.3387, -54.0258

Square

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



69.5470, -26.3987, 20.5683



57.0770, 2.9200, -50.0565



59.3350, 31.8798, -52.0368



72.6810, 4.1013, 37.9908

Rectangle

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



69.5470, -26.3987, 20.5683



64.7320, -17.1229, -14.6740



59.3350, 31.8798, -52.0368



74.2890, 18.5915, 10.2705

Sweetspot

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



69.5470, -26.3987, 20.5683



110.7100, -10.2100, 8.1473



41.9870, 0.0064, 44.7384



55.4260, -6.1260, 4.8884



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



69.5470, -26.3987, 20.5683



83.5410, -40.6927, 31.9745



80.3350, -31.7172, -0.2938



44.2560, -1.6052, 1.5295



76.3280, -37.6297, 29.5303



164.7830, -81.2380, 63.3343

Inverse Universe

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



39.4530, 26.3987, -20.5683



37.4590, 40.6927, -31.9745



28.6650, 31.7172, 0.2938



42.7440, 1.6052, -1.5295



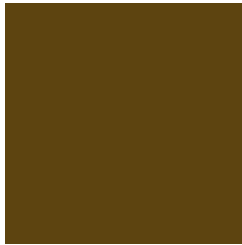
33.6720, 37.6297, -29.5303



72.2170, 81.2380, -63.3343

Previews

White Background



This preview shows how the YUV color 69.5470, -26.3987, 20.5683 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 69.5470, -26.3987, 20.5683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

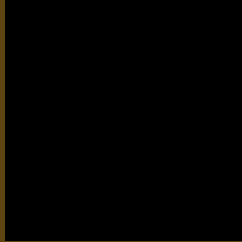
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.5470, -26.3987, 20.5683

Background



This preview shows how black text looks on a background with the YUV color 69.5470, -26.3987, 20.5683.



This preview shows how white text looks on a background with the YUV color 69.5470, -26.3987,

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

69.5470, -26.3987, 20.5683

Protanopia

69.0080, -25.6399, 10.5170

Deuteranopia

69.5360, -26.3932, 18.8239



Tritanopia

73.4370, -2.6804, 19.7878

Trichromacy



Original Color

69.5470, -26.3987, 20.5683

Protanomaly

69.0300, -25.6508, 14.0057

Deuteranomaly

69.8350, -26.5407, 19.4387

Tritanomaly

72.1460, -11.4110, 20.0430

Monochromacy



Original Color

69.5470, -26.3987, 20.5683

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.5250, -9.6258, 7.4326

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.5470, -26.3987, 20.5683 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(93, 68, 16)` looks like.

```
.text, #text, p{  
    color:rgb(93, 68, 16)  
}
```

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(93, 68, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 68, 16) }
```

Border

The CSS property to change the border of an element to YUV 69.5470, -26.3987, 20.5683 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(93, 68, 16) }
```


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

```
.border{ border-color:rgb(93, 68, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 68, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 68, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 68, 16);  
box-shadow:4px 4px 4px 4px rgb(93, 68, 16)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.5470, -26.3987, 20.5683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 68, 16) }
```

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

```
.background{ background-color: rgb(93, 68,  
16) }
```

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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