

Converting Colors

YUV(70.9570, -34.9818,
20.2087)

Have a look what the booklet for
YUV(70.9570, -34.9818, 20.2087)
contains.

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Color

**YUV(70.9570, -34.9818,
20.2087)**

Conversions

Conversions Part 1

Format	Color
Hex	5E4900
RGB	94, 73, 0
RGB Percent	37%, 29%, 0%
CMY	0.6314, 0.7137, 1.0000
CMYK	0.00, 0.22, 1.00, 0.63
HSL	47°, 100%, 18%
HSV	47°, 100%, 37%
XYZ	6.9986, 7.1448, 1.0102
YIQ	70.9570, 35.9490, -18.2510

Conversions

Conversions Part 2

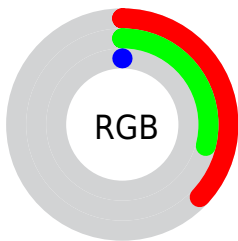
Format	Color
R_{YB}	27, 94, 0
Decimal	6179072
CIE Lab	32.13, 2.09, 40.96
CIE LCh	32, 41.018, 87.073
Yxy	7.1448, 0.4618, 0.4715
Android (android.graphics.Color)	4284369152 (0xFF5E4900)
YUV	70.9570, -34.9818, 20.2087
Hunter-Lab	26.7297, -0.0403, 16.4700

Details

The YUV color **70.9570, -34.9818, 20.2087** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **23.0430, 34.9818, -20.2087**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.2070, -34.1191, 23.4975**, and **30.4670, -15.0202, 10.9914** is the 20% darker color. If you saturate the color by 10%, you get **70.9570, -34.9818, 20.2087**, and if you desaturate by 10%, it is **73.1570, -31.6294, 18.2793**.

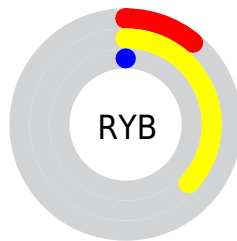
Distribution



Red (37%)

Green (29%)

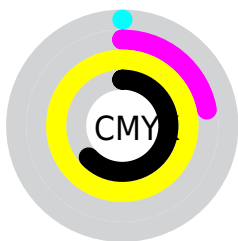
Blue (0%)



Red (11%)

Yellow (37%)

Blue (0%)

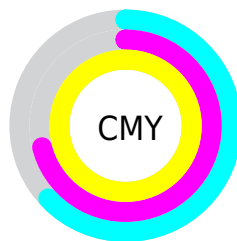


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (63%)



Cyan (63%)


Magenta (71%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 70.9570, -34.9818, 20.2087 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 70.9570, -34.9818, 20.2087 by changing the saturation by 10% instead.


 70.9570, -34.9818,
20.2087


 70.9570, -34.9818,
20.2087


 252.9480, -7.8624,
1.7996


 50.5680, -24.9300,
16.1649

 121.2070,
-34.1191, 23.4975


 30.4670, -15.0202,
10.9914


 147.5770,
-35.2875, 24.9270

 8.3060, -4.0949,
6.7476

 174.0610,
-36.0191, 26.2565

 0.0000, 0.0000,
0.0000


 202.4310,
-37.1875, 27.6860


 228.2240,
-36.5924, 23.4826


 246.5640,


-32.3231, 7.3984


 249.7560,
-20.0927, 4.5990


 70.9570, -34.9818,
20.2087

 73.1570, -31.6294,
18.2793

 75.4710, -27.8402,
16.2499

 77.6710, -24.4878,
14.3205

 79.9850, -20.6986,
12.2912

 82.7720, -17.6356,
9.8470

■ 84.9720, -14.2832,
7.9176

■ 87.2860, -10.4940,
5.8882

■ 89.4860, -7.1416,
3.9588

■ 91.8000, -3.3524,
1.9294

Harmonies

Analogous

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



72.7820, -26.0215, 39.6562



70.9570, -34.9818, 20.2087



67.9970, -29.0855, -4.3824

Triad

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



70.9570, -34.9818, 20.2087



64.6860, 19.3818, -56.7296



77.5410, 16.4953, 29.3435

Complementary

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



70.9570, -34.9818, 20.2087



23.0430, 34.9818, -20.2087

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.



75.7090, 28.2445, -5.8838



70.9570, -34.9818, 20.2087



65.7750, 31.1699, -57.6847

Square

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



70.9570, -34.9818, 20.2087



60.9240, 4.9675, -53.4303



62.9200, 38.0004, -55.1808



73.5300, 3.1897, 50.4012

Rectangle

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



70.9570, -34.9818, 20.2087



64.1390, -17.8165, -25.5549



62.9200, 38.0004, -55.1808



78.2130, 20.6010, 19.1072

Sweetspot

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



70.9570, -34.9818, 20.2087



113.2000, -13.4096, 7.7176



30.6140, -4.2467, 55.5895



55.5570, -8.1626, 4.7735



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.



70.9570, -34.9818, 20.2087



92.2430, -45.4758, 26.0969



75.8090, -37.3738, -5.9715



44.8430, -1.8946, 1.0147



82.7850, -40.8130, 23.8676



178.8710, -88.1834, 50.9791

Inverse Universe

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



23.0430, 34.9818, -20.2087



29.7570, 45.4758, -26.0969



18.1910, 37.3738, 5.9715



42.1570, 1.8946, -1.0147



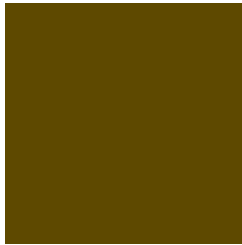
26.6280, 41.1024, -23.3528



58.1290, 88.1834, -50.9791

Previews

White Background



This preview shows how the YUV color 70.9570, -34.9818, 20.2087 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 70.9570, -34.9818, 20.2087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

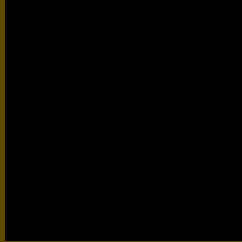
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.9570, -34.9818, 20.2087

Background



This preview shows how black text looks on a background with the YUV color 70.9570, -34.9818, 20.2087.

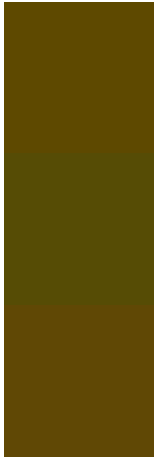


This preview shows how white text looks on a background with the YUV color 70.9570, -34.9818,

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

70.9570, -34.9818, 20.2087

Protanopia

70.8960, -32.4867, 13.2462

Deuteranopia

71.5380, -32.8032, 21.4532



Tritanopia

77.5400, -2.2382, 17.9434

Trichromacy



Original Color

70.9570, -34.9818, 20.2087

Protanomaly

70.9780, -33.5132, 15.8053

Deuteranomaly

71.0110, -33.5294, 21.0384

Tritanomaly

75.3370, -14.4631, 18.9985

Monochromacy



Original Color

70.9570, -34.9818, 20.2087

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0150, -12.8254, 7.0028

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.9570, -34.9818, 20.2087 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(94, 73, 0)` looks like.

```
.text, #text, p{  
    color:rgb(94, 73, 0)  
}
```

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(94, 73, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 73, 0) }
```

Border

The CSS property to change the border of an element to YUV 70.9570, -34.9818, 20.2087 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(94, 73, 0) }
```


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

```
.border{ border-color:rgb(94, 73, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 73, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 73, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(94, 73, 0); box-shadow:4px  
4px 4px 4px rgb(94, 73, 0) }
```

Background

The CSS property to change the background color of an element to YUV 70.9570, -34.9818, 20.2087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 73, 0) }
```

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

```
.background{ background-color: rgb(94, 73,  
0) }
```

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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