

Converting Colors

YUV(70.5940, -34.3098,
38.0671)

Have a look what the booklet for
YUV(70.5940, -34.3098, 38.0671)
contains.

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Color

**YUV(70.5940, -34.3098,
38.0671)**

Conversions

Conversions Part 1

Format	Color
Hex	723E01
RGB	114, 62, 1
RGB Percent	45%, 24%, 0%
CMY	0.5529, 0.7569, 0.9961
CMYK	0.00, 0.46, 0.99, 0.55
HSL	32°, 98%, 23%
HSV	32°, 99%, 45%
XYZ	8.6675, 7.0248, 0.9278
YIQ	70.5940, 50.5730, -7.9470

Conversions

Conversions Part 2

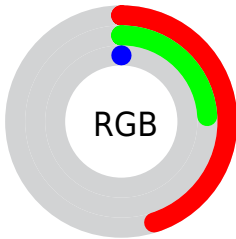
Format	Color
R_{YB}	97, 114, 1
Decimal	7486977
CIE _{Lab}	31.86, 18.75, 41.67
CIE _{LCh}	32, 45.689, 65.775
Yxy	7.0248, 0.5215, 0.4227
Android (android.graphics.Color)	4285677057 (0xFF723E01)
YUV	70.5940, -34.3098, 38.0671
Hunter-Lab	26.5044, 11.9907, 16.4776

Details

The YUV color **70.5940, -34.3098, 38.0671** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **44.4060, 34.3098, -38.0671**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.5130, -34.7629, 43.4001**, and **28.5060, -14.0535, 27.6202** is the 20% darker color. If you saturate the color by 10%, you get **70.4800, -34.7466, 38.1670**, and if you desaturate by 10%, it is **74.7830, -30.9520, 34.3933**.

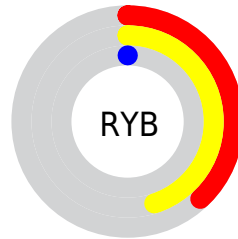
Distribution



Red (45%)

Green (24%)

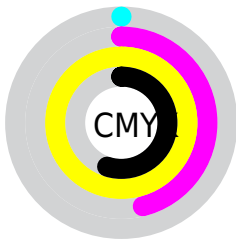
Blue (0%)



Red (38%)

Yellow (45%)

Blue (0%)

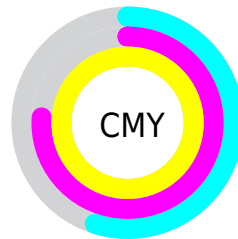


Cyan (0%)

Magenta (46%)

Yellow (99%)

Black (55%)



Cyan (55%)


Magenta (76%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 70.5940, -34.3098, 38.0671 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 70.5940, -34.3098, 38.0671 by changing the saturation by 10% instead.


 70.5940, -34.3098,
38.0671


 70.5940, -34.3098,
38.0671


 252.8340, -8.2992,
1.8996

 49.4930, -24.4000,
32.8936

 121.5130,
-34.7629, 43.4001


 28.5060, -14.0535,
27.6202


 147.5950,
-35.7893, 45.9592

 10.7640, -5.3067,
22.1320

 175.2640,
-37.1052, 48.0035

 0.0000, 0.0000,
0.0000

 201.5520,
-37.2471, 46.8739

 220.9520,
-33.9933, 29.8601

 240.5800,

-29.8659, 12.6463

■ 249.5280,
-20.9663, 4.7989

■ 70.5940, -34.3098,
38.0671

■ 70.5940, -34.3098,
38.0671

■ 70.4800, -34.7466,
38.1670

■ 74.7830, -30.9520,
34.3933

■ 79.0860, -27.1574,
30.6196

■ 83.8620, -24.0890,
26.4310

■ 88.1650, -20.2943,
22.6573

■ 92.3540, -16.9365,
18.9835

■ 96.5430, -13.5787,
15.3098

■ 101.4330,
-10.0735, 11.0213

■ 105.6220, -6.7156,
7.3475

■ 109.9250, -2.9210,
3.5738

Harmonies

Analogous

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



70.1720, -17.3398, 55.1002



70.5940, -34.3098, 38.0671



70.0270, -34.5233, 13.1313

Triad

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



70.5940, -34.3098, 38.0671



62.6510, 9.0461, -54.9449



76.7860, 28.2065, 6.3267

Complementary

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



70.5940, -34.3098, 38.0671



44.4060, 34.3098, -38.0671

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.



61.9570, 41.9262, -54.3363



70.5940, -34.3098, 38.0671



66.0540, 24.6234, -57.9294

Square

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



70.5940, -34.3098, 38.0671



57.2590, -6.5367, -50.2161



66.4420, 36.2641, -58.2696



74.5750, 14.9995, 42.4687

Rectangle

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



70.5940, -34.3098, 38.0671



66.3730, -32.7219, -4.7121



66.4420, 36.2641, -58.2696



74.4140, 32.3339, -10.8871

Sweetspot

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



70.5940, -34.3098, 38.0671



130.6570, -13.1419, 15.2098



40.8290, 6.4933, 64.1710



63.8780, -8.3209, 8.8770



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



70.5940, -34.3098, 38.0671



91.2120, -44.9675, 49.8031



99.9220, -48.7685, 8.8384



54.1420, -2.0420, 1.6295



74.0350, -36.4993, 40.3113



152.5110, -75.1879, 82.8669

Inverse Universe

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



44.4060, 34.3098, -38.0671



56.7880, 44.9675, -49.8031



15.0780, 48.7685, -8.8384



52.4450, 1.7526, -2.1443



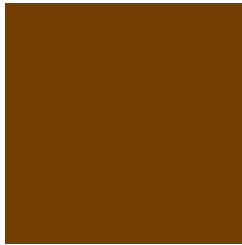
45.9650, 36.4993, -40.3113



95.0760, 74.8985, -83.3817

Previews

White Background



This preview shows how the YUV color 70.5940, -34.3098, 38.0671 looks on a white background.

Color Contrast Check

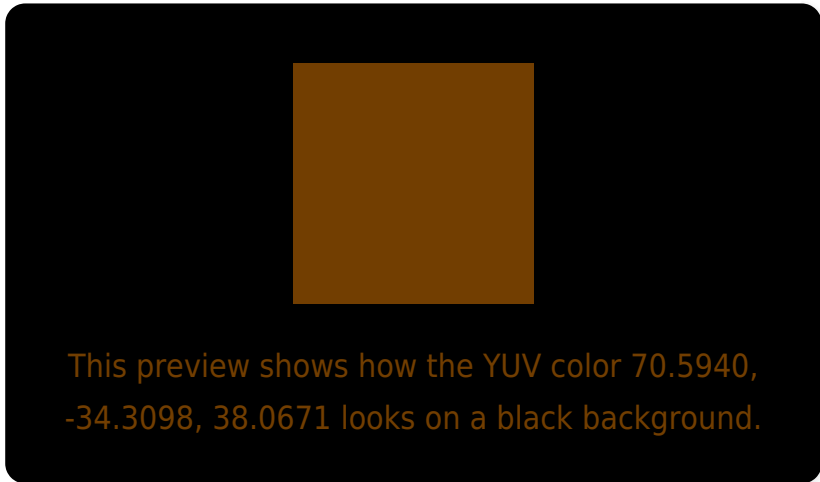
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.5940, -34.3098, 38.0671

Background



This preview shows how black text looks on a background with the YUV color 70.5940, -34.3098, 38.0671.



This preview shows how white text looks on a background with the YUV color 70.5940, -34.3098,

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

70.5940, -34.3098, 38.0671

Protanopia

71.0530, -30.5921, 12.2315

Deuteranopia

70.9680, -34.9872, 21.9531



Tritanopia

75.7980, -6.8024, 35.2572

Trichromacy



Original Color

70.5940, -34.3098, 38.0671

Protanomaly

71.0650, -32.0770, 21.8680

Deuteranomaly

70.7130, -34.8615, 28.3157

Tritanomaly

73.5780, -16.5540, 36.3271

Monochromacy



Original Color

70.5940, -34.3098, 38.0671

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.1730, -12.4103, 13.8803

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.5940, -34.3098, 38.0671 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(114, 62, 1)` looks like.

```
.text, #text, p{  
    color:rgb(114, 62, 1)  
}
```

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(114, 62, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 62, 1) }
```

Border

The CSS property to change the border of an element to YUV 70.5940, -34.3098, 38.0671 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(114, 62, 1) }
```


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

```
.border{ border-color:rgb(114, 62, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 62, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 62, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 62, 1);  
box-shadow:4px 4px 4px 4px rgb(114, 62, 1)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.5940, -34.3098, 38.0671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 62, 1) }
```

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

```
.background{ background-color: rgb(114, 62,  
1) }
```

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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