

Converting Colors

YUV(75.8930, -34.4572,
38.6818)

Have a look what the booklet for
YUV(75.8930, -34.4572, 38.6818)
contains.

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Color

**YUV(75.8930, -34.4572,
38.6818)**

Conversions

Conversions Part 1

Format	Color
Hex	784306
RGB	120, 67, 6
RGB Percent	47%, 26%, 2%
CMY	0.5294, 0.7373, 0.9765
CMYK	0.00, 0.44, 0.95, 0.53
HSL	32°, 90%, 25%
HSV	32°, 95%, 47%
XYZ	9.7858, 8.0205, 1.2046
YIQ	75.8930, 51.1690, -7.7350

Conversions

Conversions Part 2

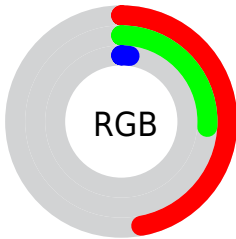
Format	Color
RYB	105, 120, 6
Decimal	7881478
CIELab	34.03, 18.72, 41.69
CIELCh	34, 45.695, 65.820
Yxy	8.0205, 0.5147, 0.4219
Android (android.graphics.Color)	4286071558 (0xFF784306)
YUV	75.8930, -34.4572, 38.6818
Hunter-Lab	28.3205, 12.1172, 17.3024

Details

The YUV color **75.8930, -34.4572, 38.6818** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **50.1070, 34.4572, -38.6818**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.8120, -34.9103, 44.0149**, and **32.9360, -16.2374, 28.1201** is the 20% darker color. If you saturate the color by 10%, you get **73.4480, -36.2099, 40.8261**, and if you desaturate by 10%, it is **80.7830, -30.9520, 34.3933**.

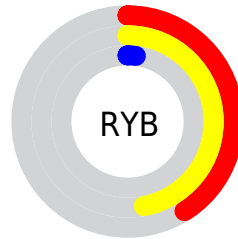
Distribution



Red (47%)

Green (26%)

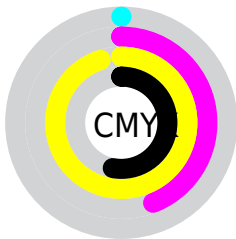
Blue (2%)



Red (41%)

Yellow (47%)

Blue (2%)

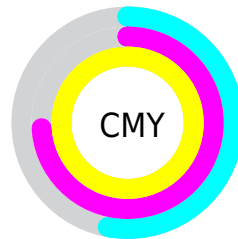


Cyan (0%)

Magenta (44%)

Yellow (95%)

Black (53%)



Cyan (53%)


Magenta (74%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 75.8930, -34.4572, 38.6818 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 75.8930, -34.4572, 38.6818 by changing the saturation by 10% instead.


 75.8930, -34.4572,
38.6818


 75.8930, -34.4572,
38.6818


 253.5180, -5.6784,
1.2997


 53.6350, -26.4421,
34.5231

 126.8120,
-34.9103, 44.0149


 32.9360, -16.2374,
28.1201


 153.5950,
-35.7893, 45.9592

 12.2590, -6.0437,
25.2059

 181.2640,
-37.1052, 48.0035

 0.0000, 0.0000,
0.0000


 205.7580,
-36.3627, 43.1852


 225.1580,
-33.1089, 26.1714


 244.7860,


-28.9815, 8.9577


 250.3260,
-17.9087, 4.0991


 75.8930, -34.4572,
38.6818


 75.8930, -34.4572,
38.6818


 73.4480, -36.2099,
40.8261

 80.7830, -30.9520,
34.3933

 85.0860, -27.1574,
30.6196

 89.9760, -23.6522,
26.3310

 94.2790, -19.8575,
22.5573

 99.1690, -16.3523,
18.2688

■ 103.4720,
-12.5577, 14.4951

■ 108.3620, -9.0525,
10.2065

■ 113.2520, -5.5472,
5.9180

■ 117.5550, -1.7526,
2.1443

Harmonies

Analogous

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



76.0580, -17.7766, 55.2001



75.8930, -34.4572, 38.6818



74.7560, -36.8547, 14.2460

Triad

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



75.8930, -34.4572, 38.6818



66.7430, 9.4937, -58.5336



81.7860, 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.



75.8930, -34.4572, 38.6818



50.1070, 34.4572, -38.6818

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.



65.5760, 43.1000, -57.5102



75.8930, -34.4572, 38.6818



70.2600, 25.5078, -61.6180

Square

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



75.8930, -34.4572, 38.6818



61.3510, -6.0890, -53.8048



70.6480, 37.1485, -61.9583



80.4610, 14.5627, 42.5687

Rectangle

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



75.8930, -34.4572, 38.6818



70.8030, -34.9059, -4.2122



70.6480, 37.1485, -61.9583



79.8270, 32.6233, -10.3723

Sweetspot

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



75.8930, -34.4572, 38.6818



138.4290, -14.0155, 15.4098



46.1280, 6.3459, 64.7857



68.1770, -8.4683, 9.4918



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



75.8930, -34.4572, 38.6818



95.3650, -47.0149, 53.1769



105.8080, -49.2053, 8.9384



58.5550, -1.7526, 2.1443



76.7040, -37.8151, 42.3556



154.5930, -76.2143, 85.4259

Inverse Universe

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



50.1070, 34.4572, -38.6818



60.0480, 47.3043, -52.6621



20.1920, 49.2053, -8.9384



57.4450, 1.7526, -2.1443



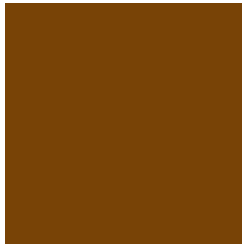
48.2960, 37.8151, -42.3556



97.4070, 76.2143, -85.4259

Previews

White Background



This preview shows how the YUV color 75.8930, -34.4572, 38.6818 looks on a white background.

Color Contrast Check

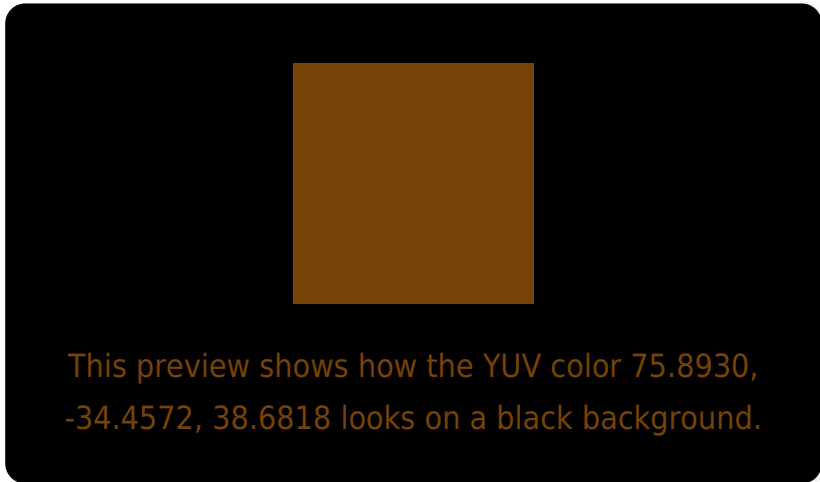
Large Text (above 18pt) WCAG AA ✓ Pass

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

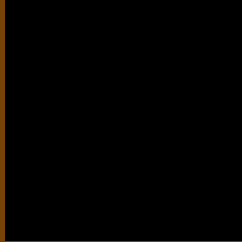
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.8930, -34.4572, 38.6818

Background



This preview shows how black text looks on a background with the YUV color 75.8930, -34.4572, 38.6818.



This preview shows how white text looks on a background with the YUV color 75.8930, -34.4572,

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

75.8930, -34.4572, 38.6818

Protanopia

76.0100, -32.0499, 13.1462

Deuteranopia

75.6970, -37.3186, 23.0677



Tritanopia

80.5100, -6.6604, 36.3867

Trichromacy



Original Color

75.8930, -34.4572, 38.6818

Protanomaly

76.1360, -33.0980, 22.6827

Deuteranomaly

75.6700, -36.3193, 29.2304

Tritanomaly

78.8770, -16.7014, 36.9419

Monochromacy



Original Color

75.8930, -34.4572, 38.6818

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.1730, -12.4103, 13.8803

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.8930, -34.4572, 38.6818 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(120, 67, 6)` looks like.

```
.text, #text, p{  
  color:rgb(120, 67, 6)  
}
```

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(120, 67, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 67, 6) }
```

Border

The CSS property to change the border of an element to YUV 75.8930, -34.4572, 38.6818 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(120, 67, 6) }
```


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

```
.border{ border-color:rgb(120, 67, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 67, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 67, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 67, 6);  
box-shadow:4px 4px 4px 4px rgb(120, 67, 6)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.8930, -34.4572, 38.6818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 67, 6) }
```

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

```
.background{ background-color: rgb(120, 67,  
6) }
```

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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