

Converting Colors

YUV(107.3980, -37.1712,
22.4530)

Have a look what the booklet for
YUV(107.3980, -37.1712, 22.4530)
contains.

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Color

**YUV(107.3980, -37.1712,
22.4530)**

Conversions

Conversions Part 1

Format	Color
Hex	856D20
RGB	133, 109, 32
RGB Percent	52%, 43%, 13%
CMY	0.4784, 0.5725, 0.8745
CMYK	0.00, 0.18, 0.76, 0.48
HSL	46°, 61%, 32%
HSV	46°, 76%, 52%
XYZ	15.4022, 16.0281, 3.6484
YIQ	107.3980, 39.0210, -18.8590

Conversions

Conversions Part 2

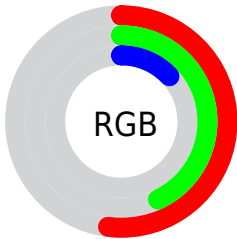
Format	Color
RYB	63, 133, 32
Decimal	8744224
CIELab	47.01, 0.99, 44.16
CIElCh	47, 44.173, 88.710
Yxy	16.0281, 0.4391, 0.4569
Android (android.graphics.Color)	4286934304 (0xFF856D20)
YUV	107.3980, -37.1712, 22.4530
Hunter-Lab	40.0351, -1.3894, 22.6214

Details

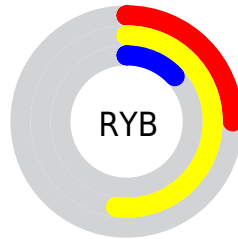
The YUV color **107.3980, -37.1712, 22.4530** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **57.6020, 37.1712, -22.4530**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7790, -38.3450, 25.6268**, and **60.3140, -29.7348, 17.2646** is the 20% darker color. If you saturate the color by 10%, you get **104.1550, -41.9814, 25.2971**, and if you desaturate by 10%, it is **110.6410, -32.3610, 19.6088**.

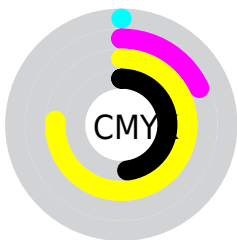
Distribution



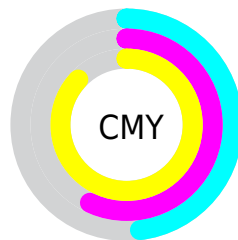
- Red (52%)
- Green (43%)
- Blue (13%)



- Red (25%)
- Yellow (52%)
- Blue (13%)



- Cyan (0%)
- Magenta (18%)
- Yellow (76%)
- Black (48%)



- Cyan (48%)
- Magenta (57%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.3980, -37.1712, 22.4530 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 107.3980, -37.1712, 22.4530 by changing the saturation by 10% instead.

■ 107.3980,
-37.1712, 22.4530

■ 107.3980,
-37.1712, 22.4530

■ 255.0000, 0.0000,
0.0000

■ 81.9310, -38.9130,
21.1085

■ 159.7790,
-38.3450, 25.6268

■ 60.3140, -29.7348,
17.2646

■ 187.1490,
-39.5135, 27.0563

■ 39.6260, -19.5356,
12.6060

■ 215.2200,
-40.5345, 27.8711

■ 20.7100, -10.2100,
8.1473

■ 237.1260,
-38.0231, 15.6755

■ 0.0000, 0.0000,
0.0000

■ 247.3620,
-29.2655, 6.6985

■ 250.5540,

-17.0351, 3.8991

253.8600, -4.3680,
0.9998

107.3980,
-37.1712, 22.4530

107.3980,
-37.1712, 22.4530

104.1550,
-41.9814, 25.2971

110.6410,
-32.3610, 19.6088

100.7980,
-47.2284, 28.2412

113.9980,
-27.1140, 16.6648

99.0540, -48.8336,
29.7706

117.2410,
-22.3038, 13.8206

121.0710,
-17.7830, 10.4617

124.4280,
-12.5360, 7.5176

■ 127.6710, -7.7258,
4.6735

■ 130.9140, -2.9156,
1.8294

■ 134.1570, 1.8946,
-1.0147

■ 137.5140, 7.1416,
-3.9588

Harmonies

Analogous

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



109.6750, -30.4058, 45.8890



107.3980, -37.1712, 22.4530



103.9320, -30.5325, -6.9564

Triad

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



107.3980, -37.1712, 22.4530



92.3670, 26.4411, -81.0059



114.6280, 17.9314, 35.4062

Complementary

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



107.3980, -37.1712, 22.4530



57.6020, 37.1712, -22.4530

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.



112.9420, 31.5806, -2.5801



107.3980, -37.1712, 22.4530



93.2110, 39.8290, -81.7460

Square

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



107.3980, -37.1712, 22.4530



88.1490, 10.2795, -77.3067



89.2960, 47.6751, -78.3126



111.8190, 1.5682, 57.1637

Rectangle

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



107.3980, -37.1712, 22.4530



99.6500, -19.5475, -30.3881



89.2960, 47.6751, -78.3126



115.1150, 22.6213, 24.4551

Sweetspot

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



107.3980, -37.1712, 22.4530



163.2710, -14.4306, 8.5323



65.0490, -3.9682, 59.5930



80.6280, -9.1836, 5.5882



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



107.3980, -37.1712, 22.4530



133.3830, -57.8698, 34.7441



114.0110, -40.4314, -5.2716



64.7290, -2.3314, 1.1147



96.9830, -47.8126, 28.9559



2.0710, -1.0210, 0.8147

Inverse Universe

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



57.6020, 37.1712, -22.4530



55.6170, 57.8698, -34.7441



50.9890, 40.4314, 5.2716



61.2710, 2.3314, -1.1147



33.0170, 47.8126, -28.9559



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 107.3980, -37.1712, 22.4530 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 × Fail

Black Background



This preview shows how the YUV color 107.3980, -37.1712, 22.4530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

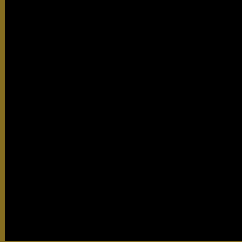
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.3980, -37.1712, 22.4530

Background



This preview shows how black text looks on a background with the YUV color 107.3980, -37.1712, 22.4530.



This preview shows how white text looks on a background with the YUV color 107.3980, -37.1712, 22.4530.

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

107.3980, -37.1712, 22.4530

Protanopia

106.8810, -36.4233, 15.8904

Deuteranopia

107.8440, -36.8981, 28.2008



Tritanopia

113.6760, -1.8123, 21.3321

Trichromacy



Original Color

107.3980, -37.1712, 22.4530

Protanomaly

107.1910, -36.5762, 18.2495

Deuteranomaly

107.5340, -36.7453, 25.8417

Tritanomaly

111.6470, -14.6160, 21.3576

Monochromacy



Original Color

107.3980, -37.1712, 22.4530

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.2000, -13.4096, 7.7176

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.3980, -37.1712, 22.4530 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(133, 109, 32)` looks like.

```
.text, #text, p{  
    color:rgb(133, 109, 32)  
}
```

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(133, 109, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 109, 32) }
```

Border

The CSS property to change the border of an element to YUV 107.3980, -37.1712, 22.4530 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(133, 109, 32) }
```


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

```
.border{ border-color:rgb(133, 109, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 109, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 109, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 109, 32);  
box-shadow:4px 4px 4px 4px rgb(133, 109,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 107.3980, -37.1712, 22.4530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 109, 32) }
```

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

```
.background{ background-color: rgb(133,  
109, 32) }
```

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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