

Converting Colors

YUV(87.2420, -40.5453,
31.3598)

Have a look what the booklet for
YUV(87.2420, -40.5453, 31.3598)
contains.

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Color

**YUV(87.2420, -40.5453,
31.3598)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5505
RGB	123, 85, 5
RGB Percent	48%, 33%, 2%
CMY	0.5176, 0.6667, 0.9804
CMYK	0.00, 0.31, 0.96, 0.52
HSL	41°, 92%, 25%
HSV	41°, 96%, 48%
XYZ	11.4443, 10.7189, 1.6094
YIQ	87.2420, 48.3280, -16.8240

Conversions

Conversions Part 2

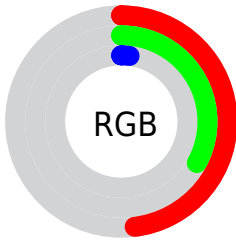
Format	Color
RYB	61, 123, 5
Decimal	8082693
CIELab	39.10, 9.39, 45.92
CIElCh	39, 46.872, 78.448
Yxy	10.7189, 0.4814, 0.4509
Android (android.graphics.Color)	4286272773 (0xFF7B5505)
YUV	87.2420, -40.5453, 31.3598
Hunter-Lab	32.7397, 5.1006, 20.0034

Details

The YUV color **87.2420, -40.5453, 31.3598** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **40.7580, 40.5453, -31.3598**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2040, -39.5406, 35.7781**, and **44.1110, -21.7467, 21.8277** is the 20% darker color. If you saturate the color by 10%, you get **85.4980, -42.1505, 32.8893**, and if you desaturate by 10%, it is **90.9580, -36.4613, 28.1008**.

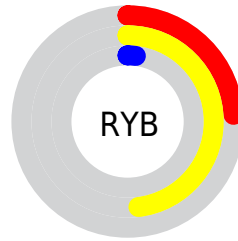
Distribution



Red (48%)

Green (33%)

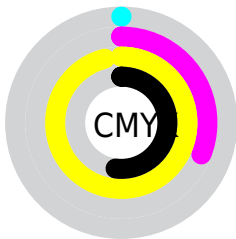
Blue (2%)



Red (24%)

Yellow (48%)

Blue (2%)

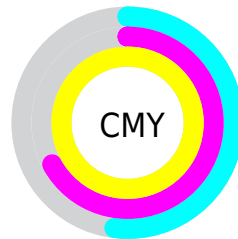


Cyan (0%)

Magenta (31%)

Yellow (96%)

Black (52%)



Cyan (52%)

Magenta (67%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.2420, -40.5453, 31.3598 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 87.2420, -40.5453, 31.3598 by changing the saturation by 10% instead.

87.2420, -40.5453,
31.3598

87.2420, -40.5453,
31.3598

254.2020, -3.0576,
0.6998

65.0980, -32.0933,
27.1011

139.2040,
-39.5406, 35.7781

44.1110, -21.7467,
21.8277

166.5740,
-40.7090, 37.2076

24.5970, -12.1263,
16.1394

193.4710,
-41.1512, 39.0519

4.1860, -2.0637,
8.6069

217.9540,
-40.4033, 32.4893


0.0000, 0.0000,
0.0000


238.0550,
-37.0021, 14.8608


247.7040,


-27.9551, 6.3986


 250.8960,
-15.7247, 3.5992


 87.2420, -40.5453,
31.3598


 87.2420, -40.5453,
31.3598


 85.4980, -42.1505,
32.8893

 90.9580, -36.4613,
28.1008

 94.7880, -31.9405,
24.7419

 98.5040, -27.8565,
21.4830

 102.2200,
-23.7725, 18.2241

 106.0500,
-19.2517, 14.8651

■ 109.7660,
-15.1676, 11.6062

■ 113.4820,
-11.0836, 8.3473

■ 117.1980, -6.9996,
5.0884

■ 121.0280, -2.4788,
1.7294

Harmonies

Analogous

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



88.8590, -26.0595, 51.8667



87.2420, -40.5453, 31.3598



83.8210, -38.8588, 3.6650

Triad

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



87.2420, -40.5453, 31.3598



77.6800, 18.3988, -68.1254



94.7560, 23.7843, 24.7700

Complementary

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



87.2420, -40.5453, 31.3598



40.7580, 40.5453, -31.3598

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.



88.7050, 37.6134, -24.2973



87.2420, -40.5453, 31.3598



80.3820, 33.8287, -70.4950

Square

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



87.2420, -40.5453, 31.3598



72.6470, 1.6530, -63.7114



78.3250, 43.7168, -68.6910



90.9310, 8.4150, 54.4345

Rectangle

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



87.2420, -40.5453, 31.3598



81.3650, -27.2949, -18.7371



78.3250, 43.7168, -68.6910



94.5200, 28.3376, 10.9450

Sweetspot

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



87.2420, -40.5453, 31.3598



146.8370, -16.1886, 12.4210



44.7280, -0.3589, 68.6445



72.8240, -9.7732, 8.0474



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



87.2420, -40.5453, 31.3598



112.1220, -55.2761, 42.8660



103.5680, -48.5940, -0.4981



59.1420, -2.0420, 1.6295



87.2700, -43.0241, 33.0892



175.7250, -86.6324, 66.8932

Inverse Universe

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



40.7580, 40.5453, -31.3598



48.8780, 55.2761, -42.8660



24.4320, 48.5940, 0.4981



56.8580, 2.0420, -1.6295



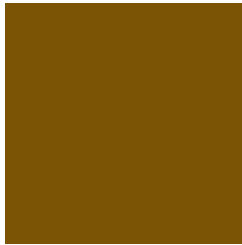
37.7300, 43.0241, -33.0892



76.2750, 86.6324, -66.8932

Previews

White Background



This preview shows how the YUV color 87.2420, -40.5453, 31.3598 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 87.2420, -40.5453, 31.3598 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 87.2420, -40.5453, 31.3598

Background



This preview shows how black text looks on a background with the YUV color 87.2420, -40.5453, 31.3598.



This preview shows how white text looks on a background with the YUV color 87.2420, -40.5453,

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

87.2420, -40.5453, 31.3598

Protanopia

86.7130, -38.3125, 15.1607

Deuteranopia

86.6390, -42.7130, 26.6266



Tritanopia

94.0360, -4.4547, 28.9094

Trichromacy



Original Color

87.2420, -40.5453, 31.3598

Protanomaly

86.9310, -38.9130, 21.1085

Deuteranomaly

86.8780, -41.8449, 28.1710

Tritanomaly

91.6050, -17.5533, 30.1644

Monochromacy



Original Color

87.2420, -40.5453, 31.3598

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8800, -14.7308, 11.5062

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.2420, -40.5453, 31.3598 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(123, 85, 5)` looks like.

```
.text, #text, p{  
    color:rgb(123, 85, 5)  
}
```

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(123, 85, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 85, 5) }
```

Border

The CSS property to change the border of an element to YUV 87.2420, -40.5453, 31.3598 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(123, 85, 5) }
```


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

```
.border{ border-color:rgb(123, 85, 5) }
```

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

Here you see how a box with a 4 pixel rgb(123, 85, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 85, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 85, 5);  
box-shadow:4px 4px 4px 4px rgb(123, 85, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.2420, -40.5453, 31.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 85, 5) }
```

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

```
.background{ background-color: rgb(123, 85,  
5) }
```

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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